



Hackolade

Polyglot Physical Model

Schema for:

Model name: Polyglot combined

Author: Pascal

Version: 1.2

File name: Polyglot combined.hck.json

File path: /Users/rvanbruggen/Library/CloudStorage/OneDrive-Hackolade/Demo/HackoladeGithubRepo/1-Customer s/Revantage/Polyglot combined.hck.json

Printed On: Wed Apr 19 2023 16:52:09 GMT+0200 (Central European Summer Time)

Created with: [Hackolade](#) - Polyglot data modeling for NoSQL databases, storage formats, REST APIs, and JSON in RDBMS

1. Model

2. ER Diagram Views

2.1 Domain view

3. Containers

3.1 dbo

3.1.2. Entities

3.1.2.1 AdventureWorksDWBuildVersion

3.1.2.2 DatabaseLog

3.1.2.3 DimAccount

3.1.2.4 DimCurrency

3.1.2.5 DimCustomer

3.1.2.6 DimDate

3.1.2.7 DimDepartmentGroup

3.1.2.8 DimEmployee

3.1.2.9 DimGeography

3.1.2.10 DimOrganization

3.1.2.11 DimProduct

3.1.2.12 DimProductCategory

3.1.2.13 DimProductSubcategory

3.1.2.14 DimPromotion

3.1.2.15 DimReseller

3.1.2.16 DimSalesReason

3.1.2.17 DimSalesTerritory

3.1.2.18 DimScenario

3.1.2.19 FactCallCenter

3.1.2.20 FactCurrencyRate

3.1.2.21 FactFinance

3.1.2.22 FactInternetSales

3.1.2.23 FactInternetSalesReason

3.1.2.24 FactResellerSales

3.1.2.25 FactSalesQuota

3.1.2.26 FactSurveyResponse

3.1.2.27 ProspectiveBuyer

3.2 yelp

3.2.2. Entities

3.2.2.1 businesses

3.2.2.2 checkins

- 3.2.2.3 reviews
- 3.2.2.4 tips
- 3.2.2.5 users

4. Views

- 4.1 AggregateSales
- 4.2 SalesByCategory
- 4.3 SalesByCustomer
- 4.4 SalesByDate
- 4.5 SalesByRegion
- 4.6 review_id
- 4.7 rov_bussiness
- 4.8 vDMPrep

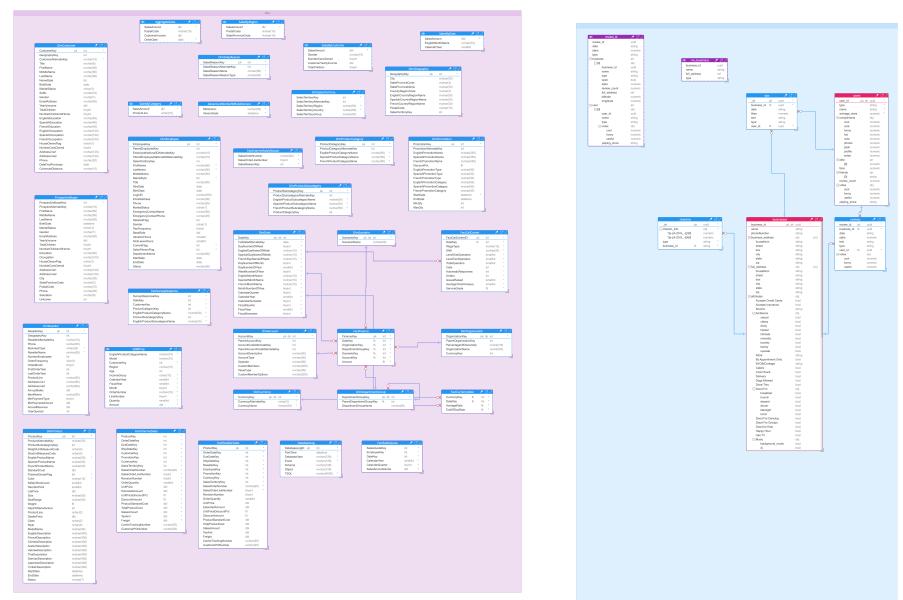
5. Relationships

- 5.1 fk DimAccount.AccountKey to FactFinance.AccountKey
- 5.2 fk DimCurrency.CurrencyKey to FactCurrencyRate.CurrencyKey
- 5.3 fk DimDate.DateKey to FactCallCenter.DateKey
- 5.4 fk DimDate.DateKey to FactCurrencyRate.DateKey
- 5.5 fk DimDate.DateKey to FactFinance.DateKey
- 5.6 fk DimDepartmentGroup.DepartmentGroupKey to DimDepartmentGroup.ParentDepartmentGroupKey
- 5.7 fk DimDepartmentGroup.DepartmentGroupKey to FactFinance.DepartmentGroupKey
- 5.8 fk DimOrganization.OrganizationKey to FactFinance.OrganizationKey
- 5.9 fk DimScenario.ScenarioKey to FactFinance.ScenarioKey
- 5.10 fk businesses.business_id to checkins.business_id
- 5.11 fk_reviewsBusinesses
- 5.12 fk_reviewsUsers
- 5.13 fk_tipsBusinesses
- 5.14 fk_tipsUsers

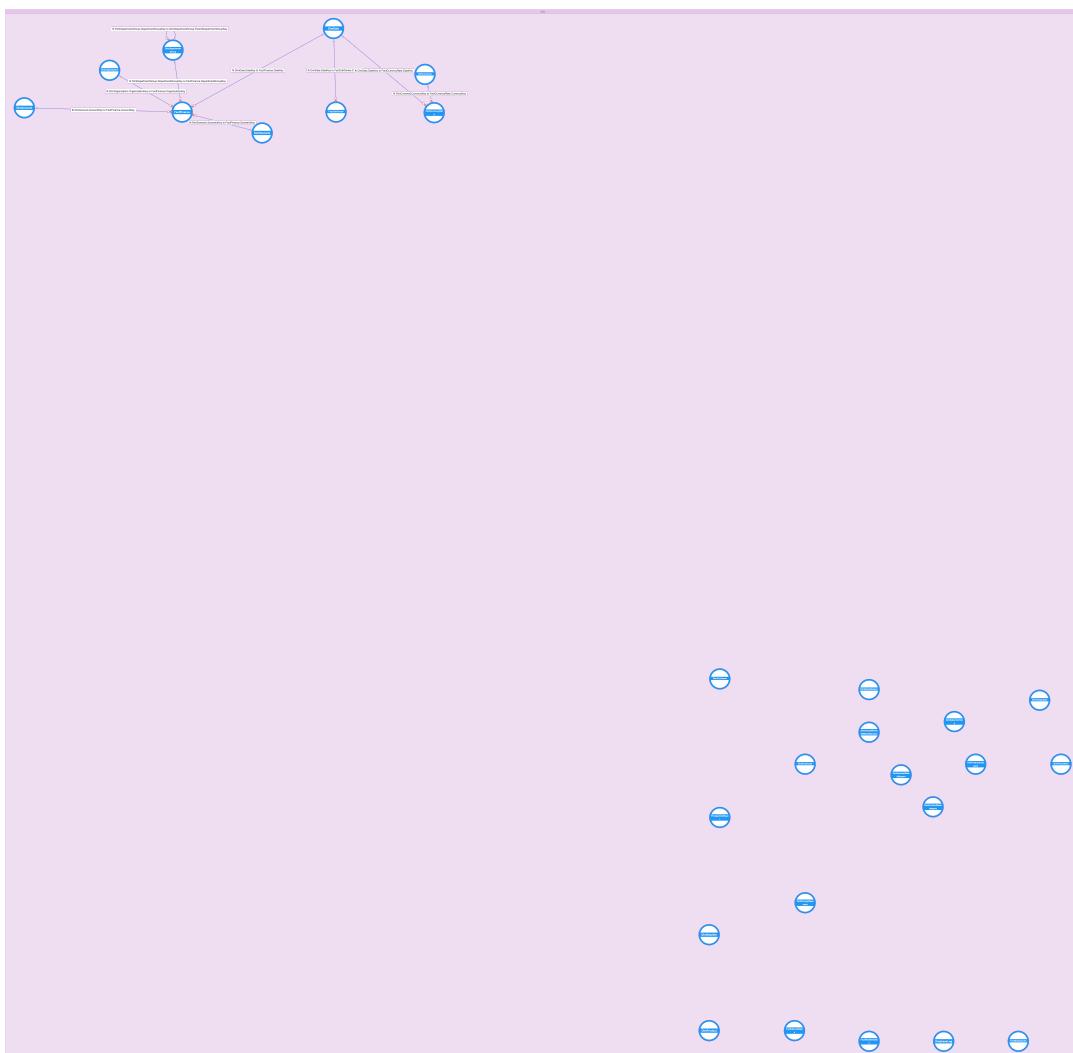
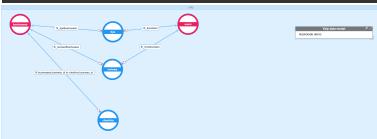
1. MODEL

1.1 Model Polyglot combined

1.1.1 Polyglot combined Entity Relationship Diagram



1.1.2 Polyglot combined Graph Diagram



1.1.3 Polyglot combined Properties

1.1.3.1 Details tab

| PROPERTY | VALUE |
|--------------------|---|
| Model name | Polyglot combined |
| Technical name | |
| Description | Schema inferred from the reverse-engineering of a Yelp Challenge dataset available from https://www.yelp.com/dataset_challenge/dataset |
| Author | Pascal |
| Version | 1.2 |
| Synchronization Id | db8a6750-5b42-11e8-9c3f-1d376af9020b |
| Target | Polyglot |
| Lineage capture | |
| Polyglot models | |
| Comments | <p>The dataset was downloaded and loaded to a MongoDB, then reverse-engineered with Hackolade. The relationships were manually documented to enrich the model.</p> <p>This schema shows the power of JSON with the embedding of many attributes logically grouped, one form of implicit relationships. At the same time, the schema is fairly relational, which makes total sense given the conceptual entities. As a result, there's no denormalization. Given the size of the collections, it makes sense to perform this kind of traditional foreing key relationships.</p> <p>Note that only fields found in 100% of the sampled documents are 'required' (and differentiated thanks to a solid line box) as opposed to the other fields with dashed line boxes.</p> <p>The sampling parameters were:</p> <ul style="list-style-type: none"> • absolute up to 1000 documents max per collection • alpha order of fields |

1.1.4 Polyglot combined User-Defined Types

1.1.4.1 Attribute Name

1.1.4.1.1 Name properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Name |
| Technical name | |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

1.1.4.2 Attribute NameStyle

1.1.4.2.1 NameStyle properties

| PROPERTY | VALUE |
|-------------------|-----------|
| Business Name | NameStyle |
| Technical name | |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | bit |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

1.1.4.3 Attribute Phone

1.1.4.3.1 Phone properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Phone |
| Technical name | |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 25 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

1.1.4.4 Attribute Flag

1.1.4.4.1 Flag properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | Flag |
| Technical name | |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | bit |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

1.1.4.5 Attribute OrderNumber

1.1.4.5.1 OrderNumber properties

| PROPERTY | VALUE |
|----------------------|-------------|
| Business Name | OrderNumber |
| Technical name | |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 25 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

1.1.4.6 Attribute AccountNumber

1.1.4.6.1 AccountNumber properties

| PROPERTY | VALUE |
|----------------------|---------------|
| Business Name | AccountNumber |
| Technical name | |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 15 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

1.1.4.7 Attribute address

1.1.4.7.1 address Hierarchy

Parent Attribute: **Definitions**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| houseNum | varchar | false | | | |
| street | varchar | false | | | |
| box | varchar | false | | | |
| city | varchar | false | | | |
| state | varchar | false | | | |
| zip | varchar | false | | | |

1.1.4.7.2 address properties

| PROPERTY | VALUE |
|-----------------------|---------|
| Business Name | address |
| Technical name | |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Additional properties | false |
| Comments | |

1.1.4.8 Attribute houseNum

1.1.4.8.1 houseNum properties

| PROPERTY | VALUE |
|----------------------|--------------------------------|
| Business Name | houseNum |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.address.buildingNumber() |
| Sample | 123 |
| Examples | |
| Comments | |

1.1.4.9 Attribute street

1.1.4.9.1 street properties

| PROPERTY | VALUE |
|----------------------|------------------------|
| Business Name | street |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.address.street() |
| Sample | Main Street |
| Examples | |
| Comments | |

1.1.4.10 Attribute box

1.1.4.10.1 box properties

| PROPERTY | VALUE |
|----------------------|----------------------------------|
| Business Name | box |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.address.secondaryAddress() |
| Sample | 10 |
| Examples | |
| Comments | |

1.1.4.11 Attribute city

1.1.4.11.1 city properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | city |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.address.city() |
| Sample | Anytown |
| Examples | |
| Comments | |

1.1.4.12 Attribute state

1.1.4.12.1 state properties

| PROPERTY | VALUE |
|----------------------|---------------------------|
| Business Name | state |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.address.stateAbbr() |
| Sample | CA |
| Examples | |
| Comments | |

1.1.4.13 Attribute zip

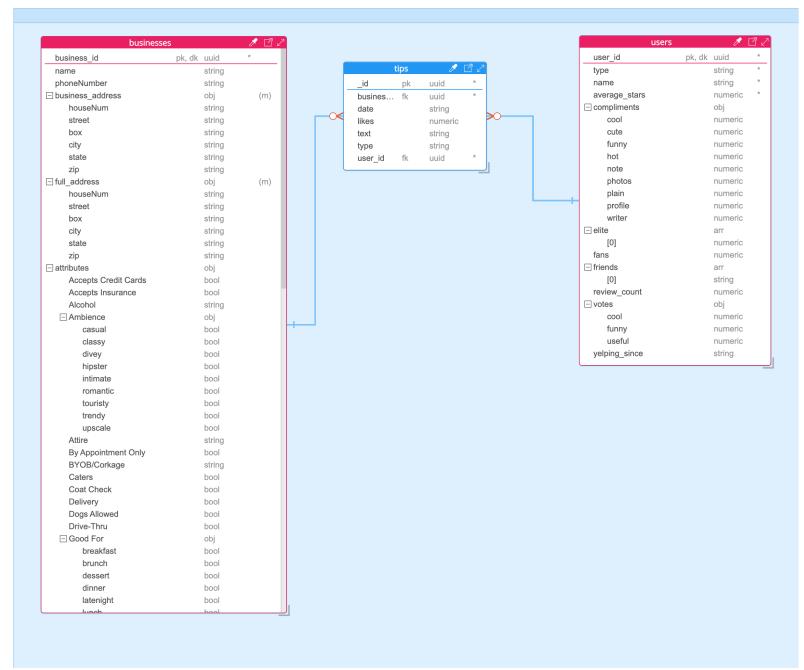
1.1.4.13.1 zip properties

| PROPERTY | VALUE |
|----------------------|--------------------------------|
| Business Name | zip |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.address.zipCodeByState() |
| Sample | 12345 |
| Examples | |
| Comments | |

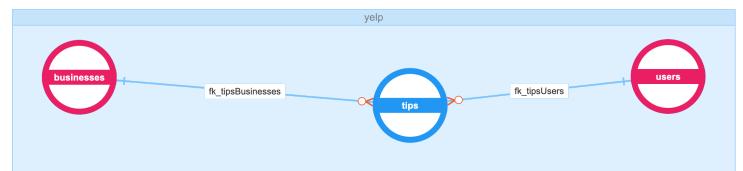
2. ER DIAGRAM VIEWS

2.1 Diagram Domain view

2.1.1 Domain view Entity Relationship Diagram

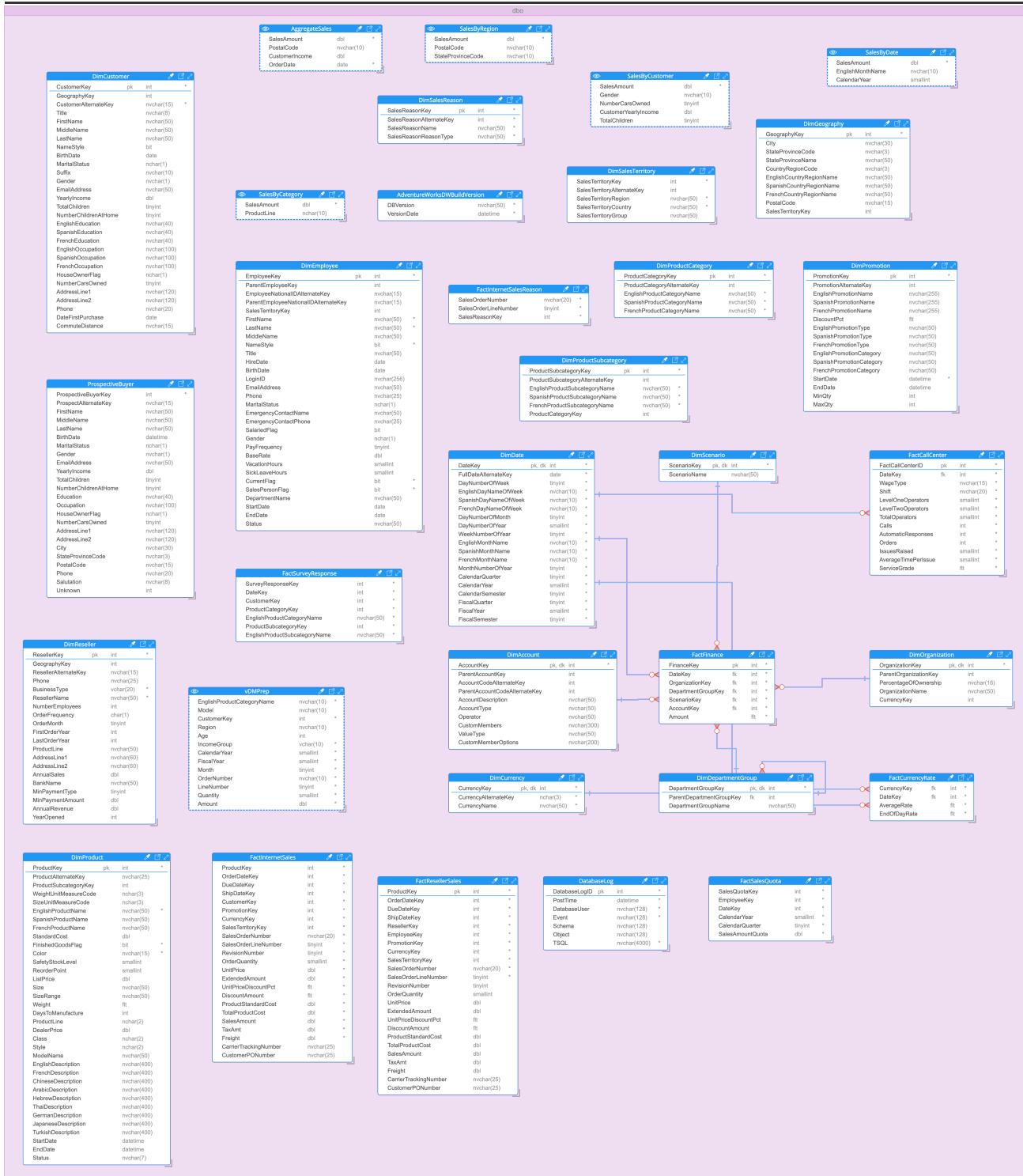


2.1.2 Domain view Graph Diagram



3. CONTAINERS

3.1 Container dbo



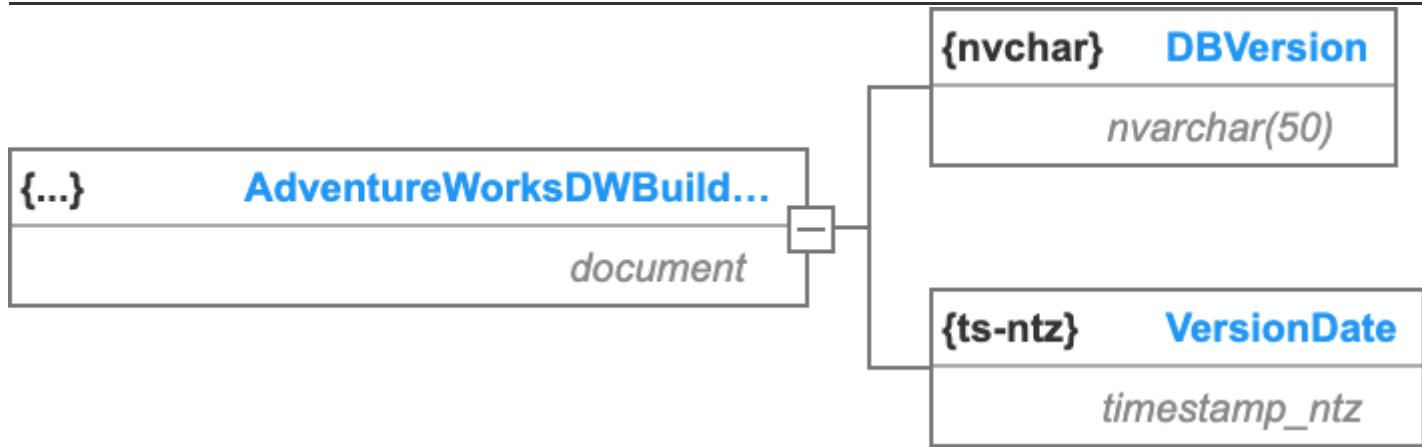
3.1.1 dbo Properties

| PROPERTY | VALUE |
|----------------|-------|
| Container name | dbo |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Description | |
| Comments | |

3.1.2 dbo Entities

3.1.2.1 Entity AdventureWorksDWBuildVersion

3.1.2.1.1 AdventureWorksDWBuildVersion Tree Diagram



3.1.2.1.2 AdventureWorksDWBuildVersion Properties

| PROPERTY | VALUE |
|-----------------------|------------------------------|
| Entity name | AdventureWorksDWBuildVersion |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.1.3 AdventureWorksDWBuildVersion Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-------------|--------------|------|-----|-------------|----------|
| DBVersion | nvarchar(50) | true | | | |
| VersionDate | datetime | true | | | |

3.1.2.1.3.1 Attribute DBVersion

3.1.2.1.3.1.1 DBVersion properties

| PROPERTY | VALUE |
|----------------------|---------------|
| Business Name | DBVersion |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 10.00.3590.01 |
| Examples | |
| Comments | |

3.1.2.1.3.2 Attribute VersionDate

3.1.2.1.3.2.1 VersionDate properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | VersionDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | timestamp_ntz |
| Synonymn | datetime |
| Precision | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 2012-07-07T19:49:42.000Z |
| Examples | |
| Comments | |

3.1.2.1.4 AdventureWorksDWBuildVersion Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.1.5 AdventureWorksDWBuildVersion JSON Schema

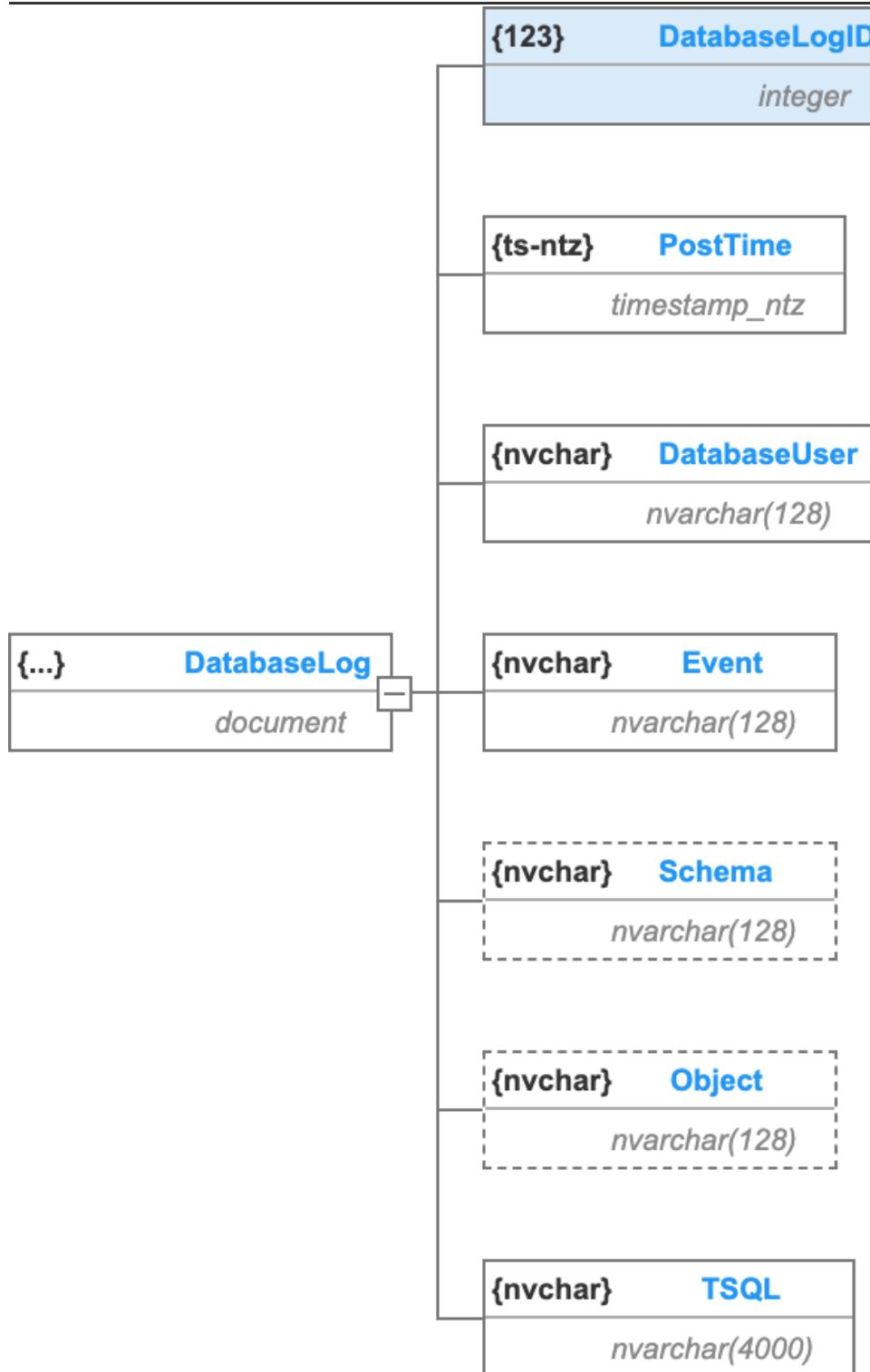
```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "AdventureWorksDWBuildVersion",  
  "additionalProperties": false,  
  "properties": {  
    "DBVersion": {  
      "type": "string"  
    },  
    "VersionDate": {  
      "type": "string"  
    }  
  },  
  "required": [  
    "DBVersion",  
    "VersionDate"  
  ]  
}
```

3.1.2.1.6 AdventureWorksDWBuildVersion JSON data

```
{  
  "DBVersion": "10.00.3590.01",  
  "VersionDate": "2012-07-07T19:49:42.000Z"  
}
```

3.1.2.2 Entity DatabaseLog

3.1.2.2.1 DatabaseLog Tree Diagram



3.1.2.2 DatabaseLog Properties

| PROPERTY | VALUE |
|-----------------------|-------------|
| Entity name | DatabaseLog |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.2.3 DatabaseLog Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---------------|----------------|-------|-----|-------------|----------|
| DatabaseLogID | int | true | pk | | |
| PostTime | datetime | true | | | |
| DatabaseUser | nvarchar(128) | true | | | |
| Event | nvarchar(128) | true | | | |
| Schema | nvarchar(128) | false | | | |
| Object | nvarchar(128) | false | | | |
| TSQL | nvarchar(4000) | true | | | |

3.1.2.2.3.1 Attribute DatabaseLogID

3.1.2.2.3.1.1 DatabaseLogID properties

| PROPERTY | VALUE |
|-------------------|---------------|
| Business Name | DatabaseLogID |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 99 |
| Examples | |
| Comments | |

3.1.2.2.3.2 Attribute PostTime

3.1.2.2.3.2.1 PostTime properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | PostTime |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | timestamp_ntz |
| Synonymn | datetime |
| Precision | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 2010-01-15T11:01:11.130Z |
| Examples | |
| Comments | |

3.1.2.2.3.3 Attribute DatabaseUser

3.1.2.2.3.3.1 DatabaseUser properties

| PROPERTY | VALUE |
|----------------------|--------------|
| Business Name | DatabaseUser |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 128 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | dbo |
| Examples | |
| Comments | |

3.1.2.2.3.4 Attribute Event

3.1.2.2.3.4.1 Event properties

| PROPERTY | VALUE |
|----------------------|-------------|
| Business Name | Event |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 128 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | ALTER_TABLE |
| Examples | |
| Comments | |

3.1.2.2.3.5 Attribute Schema

3.1.2.2.3.5.1 Schema properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Schema |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 128 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | dbo |
| Examples | |
| Comments | |

3.1.2.2.3.6 Attribute Object

3.1.2.2.3.6.1 Object properties

| PROPERTY | VALUE |
|----------------------|-------------|
| Business Name | Object |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 128 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | FactFinance |
| Examples | |
| Comments | |

3.1.2.2.3.7 Attribute TSQL

3.1.2.2.3.7.1 TSQL properties

| PROPERTY | VALUE |
|----------------------|---|
| Business Name | TSQL |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 4000 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | <pre>ALTER TABLE [dbo].[FactFinance] ADD CONSTRAINT [FK_FactFinance_DimAccount] FOREIGN KEY ([AccountKey]) REFERENCES [dbo].[DimAccount] ([AccountKey]),CONSTRAINT [FK_FactFinance_DimDepartmentGroup] FOREIGN KEY ([DepartmentGroupKey]) REFERENCES [dbo].[DimDepartmentGroup] ([DepartmentGroupKey]),CONSTRAINT [FK_FactFinance_DimOrganization] FOREIGN KEY ([OrganizationKey]) REFERENCES [dbo].[DimOrganization] ([OrganizationKey]),CONSTRAINT [FK_FactFinance_DimScenario] FOREIGN KEY ([ScenarioKey]) REFERENCES [dbo]. [DimScenario] ([ScenarioKey]),CONSTRAINT [FK_FactFinance_DimDate] FOREIGN KEY ([DateKey]) REFERENCES [dbo].[DimDate] ([DateKey]);</pre> |
| Examples | |
| Comments | |

3.1.2.2.4 DatabaseLog Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.2.5 DatabaseLog JSON Schema

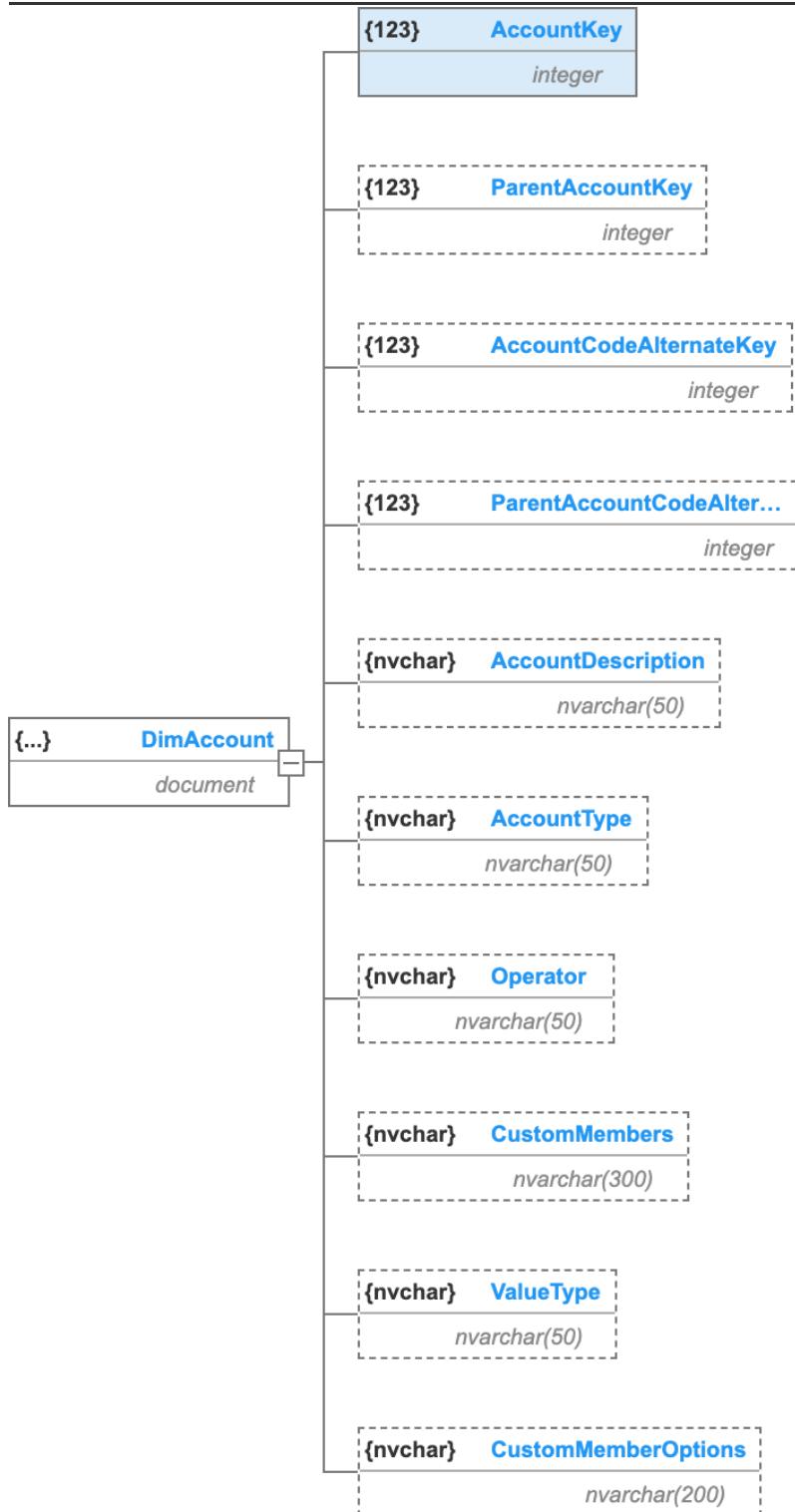
```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "DatabaseLog",  
  "additionalProperties": false,  
  "properties": {  
    "DatabaseLogID": {  
      "type": "number"  
    },  
    "PostTime": {  
      "type": "string"  
    },  
    "DatabaseUser": {  
      "type": "string"  
    },  
    "Event": {  
      "type": "string"  
    },  
    "Schema": {  
      "type": "string"  
    },  
    "Object": {  
      "type": "string"  
    },  
    "TSQL": {  
      "type": "string"  
    }  
  },  
  "required": [  
    "DatabaseLogID",  
    "PostTime",  
    "DatabaseUser",  
    "Event",  
    "TSQL"  
  ]  
}
```

3.1.2.2.6 DatabaseLog JSON data

```
{  
  "DatabaseLogID": 99,  
  "PostTime": "2010-01-15T11:01:11.130Z",  
  "DatabaseUser": "dbo",  
  "Event": "ALTER_TABLE",  
  "Schema": "dbo",  
  "Object": "FactFinance",  
  "TSQL": "ALTER TABLE [dbo].[FactFinance] ADD CONSTRAINT [FK_FactFinance_DimAccount] FOREIGN KEY ([AccountKey])  
REFERENCES [dbo].[DimAccount] ([AccountKey]),CONSTRAINT [FK_FactFinance_DimDepartmentGroup] FOREIGN KEY  
([DepartmentGroupKey]) REFERENCES [dbo].[DimDepartmentGroup] ([DepartmentGroupKey]),CONSTRAINT  
[FK_FactFinance_DimOrganization] FOREIGN KEY ([OrganizationKey]) REFERENCES [dbo].[DimOrganization]  
([OrganizationKey]),CONSTRAINT [FK_FactFinance_DimScenario] FOREIGN KEY ([ScenarioKey]) REFERENCES [dbo].  
[DimScenario] ([ScenarioKey]),CONSTRAINT [FK_FactFinance_DimDate] FOREIGN KEY ([DateKey]) REFERENCES [dbo].  
[DimDate] ([DateKey]);"  
}
```

3.1.2.3 Entity DimAccount

3.1.2.3.1 DimAccount Tree Diagram



3.1.2.3.2 DimAccount Properties

| PROPERTY | VALUE |
|-----------------------|------------|
| Entity name | DimAccount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.3.3 DimAccount Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-------------------------------|---------------|-------|--------|-------------|----------|
| AccountKey | int | true | pk, dk | | |
| ParentAccountKey | int | false | | | |
| AccountCodeAlternateKey | int | false | | | |
| ParentAccountCodeAlternateKey | int | false | | | |
| AccountDescription | nvarchar(50) | false | | | |
| AccountType | nvarchar(50) | false | | | |
| Operator | nvarchar(50) | false | | | |
| CustomMembers | nvarchar(300) | false | | | |
| ValueType | nvarchar(50) | false | | | |
| CustomMemberOptions | nvarchar(200) | false | | | |

3.1.2.3.3.1 Attribute AccountKey

3.1.2.3.3.1.1 AccountKey properties

| PROPERTY | VALUE |
|-------------------|------------|
| Business Name | AccountKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 101 |
| Examples | |
| Comments | |

3.1.2.3.3.2 Attribute ParentAccountKey

3.1.2.3.3.2.1 ParentAccountKey properties

| PROPERTY | VALUE |
|-------------------|------------------|
| Business Name | ParentAccountKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 51 |
| Examples | |
| Comments | |

3.1.2.3.3.3 Attribute AccountCodeAlternateKey

3.1.2.3.3.3.1 AccountCodeAlternateKey properties

| PROPERTY | VALUE |
|-------------------|-------------------------|
| Business Name | AccountCodeAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4200 |
| Examples | |
| Comments | |

3.1.2.3.3.4 Attribute ParentAccountCodeAlternateKey

3.1.2.3.3.4.1 ParentAccountCodeAlternateKey properties

| PROPERTY | VALUE |
|-------------------|-------------------------------|
| Business Name | ParentAccountCodeAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4110 |
| Examples | |
| Comments | |

3.1.2.3.3.5 Attribute AccountDescription

3.1.2.3.3.5.1 AccountDescription properties

| PROPERTY | VALUE |
|----------------------|--------------------|
| Business Name | AccountDescription |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Trade Sales |
| Examples | |
| Comments | |

3.1.2.3.3.6 Attribute AccountType

3.1.2.3.3.6.1 AccountType properties

| PROPERTY | VALUE |
|----------------------|-------------|
| Business Name | AccountType |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Revenue |
| Examples | |
| Comments | |

3.1.2.3.3.7 Attribute Operator

3.1.2.3.3.7.1 Operator properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Operator |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | + |
| Examples | |
| Comments | |

3.1.2.3.3.8 Attribute CustomMembers

3.1.2.3.3.8.1 CustomMembers properties

| PROPERTY | VALUE |
|----------------------|---|
| Business Name | CustomMembers |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 300 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | [Account].[Accounts].[Account Level 04].&[50]/[Account].[Accounts].[Account Level 02].&[97] |
| Examples | |
| Comments | |

3.1.2.3.3.9 Attribute ValueType

3.1.2.3.3.9.1 ValueType properties

| PROPERTY | VALUE |
|----------------------|-----------|
| Business Name | ValueType |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Currency |
| Examples | |
| Comments | |

3.1.2.3.3.10 Attribute CustomMemberOptions

3.1.2.3.3.10.1 CustomMemberOptions properties

| PROPERTY | VALUE |
|----------------------|---------------------|
| Business Name | CustomMemberOptions |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 200 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.1.2.3.4 DimAccount Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.3.5 DimAccount JSON Schema

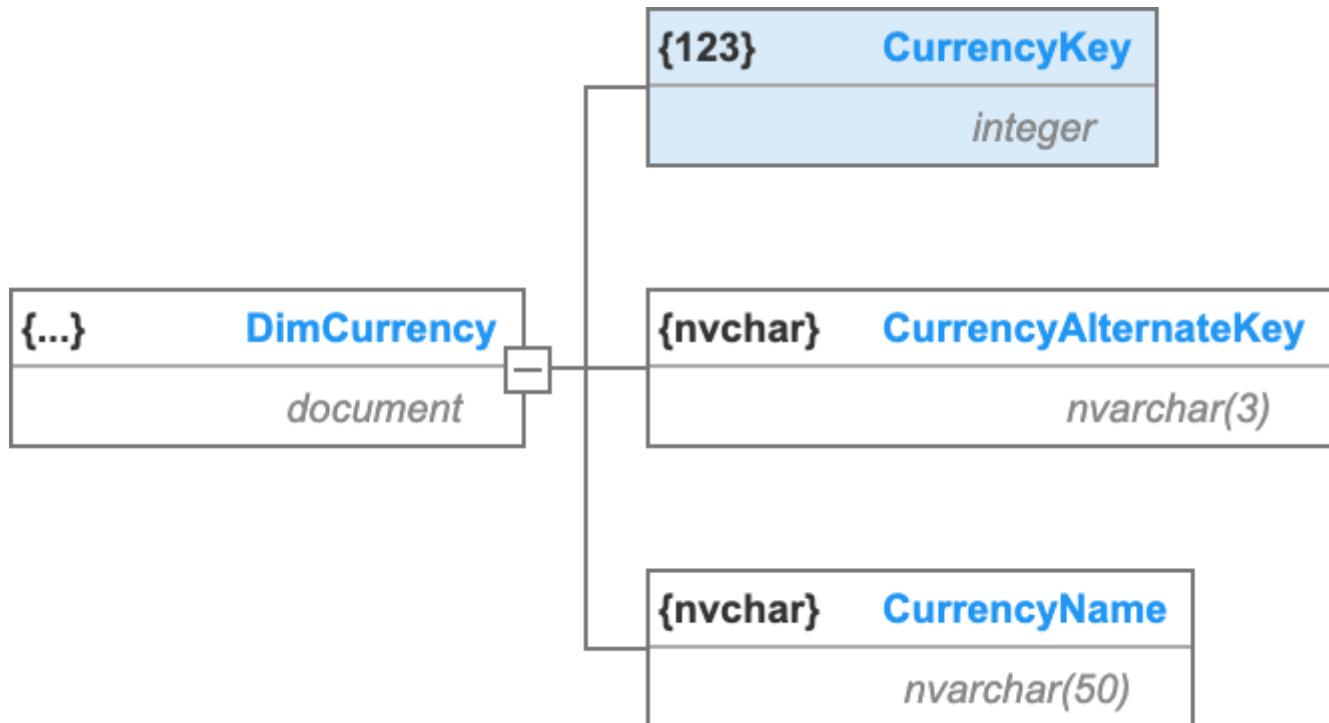
```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "DimAccount",
  "additionalProperties": false,
  "properties": {
    "AccountKey": {
      "type": "number"
    },
    "ParentAccountKey": {
      "type": "number"
    },
    "AccountCodeAlternateKey": {
      "type": "number"
    },
    "ParentAccountCodeAlternateKey": {
      "type": "number"
    },
    "AccountDescription": {
      "type": "string"
    },
    "AccountType": {
      "type": "string"
    },
    "Operator": {
      "type": "string"
    },
    "CustomMembers": {
      "type": "string"
    },
    "ValueType": {
      "type": "string"
    },
    "CustomMemberOptions": {
      "type": "string"
    }
  },
  "required": [
    "AccountKey"
  ]
}
```

3.1.2.3.6 DimAccount JSON data

```
{
  "AccountKey": 101,
  "ParentAccountKey": 51,
  "AccountCodeAlternateKey": 4200,
  "ParentAccountCodeAlternateKey": 4110,
  "AccountDescription": "Trade Sales",
  "AccountType": "Revenue",
  "Operator": "+",
  "CustomMembers": "[Account].[Accounts].[Account Level 04].&[50]/[Account].[Accounts].[Account Level 02].&[97]",
  "ValueType": "Currency",
  "CustomMemberOptions": "Lorem"
}
```

3.1.2.4 Entity DimCurrency

3.1.2.4.1 DimCurrency Tree Diagram



3.1.2.4.2 DimCurrency Properties

| PROPERTY | VALUE |
|-----------------------|-------------|
| Entity name | DimCurrency |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.4.3 DimCurrency Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------------|--------------|------|--------|-------------|----------|
| CurrencyKey | int | true | pk, dk | | |
| CurrencyAlternateKey | nchar(3) | true | | | |
| CurrencyName | nvarchar(50) | true | | | |

3.1.2.4.3.1 Attribute CurrencyKey

3.1.2.4.3.1.1 CurrencyKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | CurrencyKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 101 |
| Examples | |
| Comments | |

3.1.2.4.3.2 Attribute CurrencyAlternateKey

3.1.2.4.3.2.1 CurrencyAlternateKey properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | CurrencyAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 3 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | KRW |
| Examples | |
| Comments | |

3.1.2.4.3.3 Attribute CurrencyName

3.1.2.4.3.3.1 CurrencyName properties

| PROPERTY | VALUE |
|----------------------|--------------|
| Business Name | CurrencyName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Won |
| Examples | |
| Comments | |

3.1.2.4.4 DimCurrency Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.4.5 DimCurrency JSON Schema

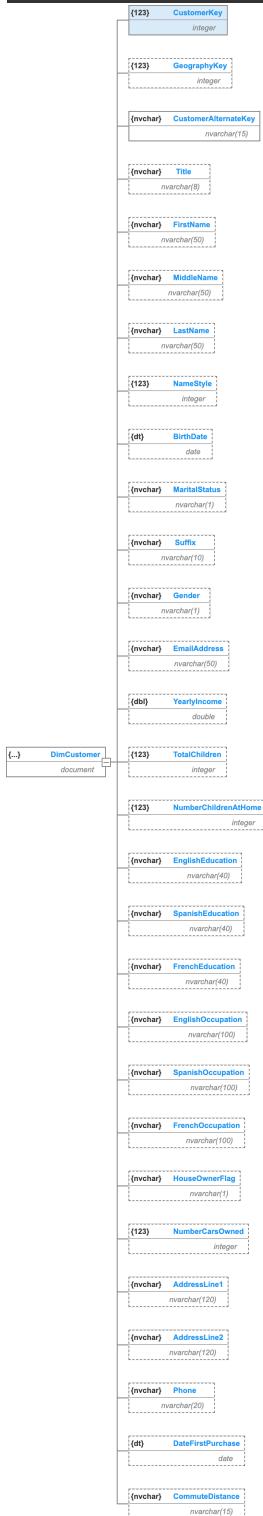
```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "DimCurrency",  
  "additionalProperties": false,  
  "properties": {  
    "CurrencyKey": {  
      "type": "number"  
    },  
    "CurrencyAlternateKey": {  
      "type": "string"  
    },  
    "CurrencyName": {  
      "type": "string"  
    }  
  },  
  "required": [  
    "CurrencyKey",  
    "CurrencyAlternateKey",  
    "CurrencyName"  
  ]  
}
```

3.1.2.4.6 DimCurrency JSON data

```
{  
  "CurrencyKey": 101,  
  "CurrencyAlternateKey": "KRW",  
  "CurrencyName": "Won"  
}
```

3.1.2.5 Entity DimCustomer

3.1.2.5.1 DimCustomer Tree Diagram



3.1.2.5.2 DimCustomer Properties

| PROPERTY | VALUE |
|-----------------------|-------------|
| Entity name | DimCustomer |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.5.3 DimCustomer Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------------|---------------|-------|-----|-------------|----------|
| CustomerKey | int | true | pk | | |
| GeographyKey | int | false | | | |
| CustomerAlternateKey | nvarchar(15) | true | | | |
| Title | nvarchar(8) | false | | | |
| FirstName | nvarchar(50) | false | | | |
| MiddleName | nvarchar(50) | false | | | |
| LastName | nvarchar(50) | false | | | |
| NameStyle | bit | false | | | |
| BirthDate | date | false | | | |
| MaritalStatus | nchar(1) | false | | | |
| Suffix | nvarchar(10) | false | | | |
| Gender | nvarchar(1) | false | | | |
| EmailAddress | nvarchar(50) | false | | | |
| YearlyIncome | double | false | | | |
| TotalChildren | tinyint | false | | | |
| NumberChildrenAtHome | tinyint | false | | | |
| EnglishEducation | nvarchar(40) | false | | | |
| SpanishEducation | nvarchar(40) | false | | | |
| FrenchEducation | nvarchar(40) | false | | | |
| EnglishOccupation | nvarchar(100) | false | | | |
| SpanishOccupation | nvarchar(100) | false | | | |
| FrenchOccupation | nvarchar(100) | false | | | |
| HouseOwnerFlag | nchar(1) | false | | | |
| NumberCarsOwned | tinyint | false | | | |
| AddressLine1 | nvarchar(120) | false | | | |
| AddressLine2 | nvarchar(120) | false | | | |
| Phone | nvarchar(20) | false | | | |
| DateFirstPurchase | date | false | | | |
| CommuteDistance | nvarchar(15) | false | | | |

3.1.2.5.3.1 Attribute CustomerKey

3.1.2.5.3.1.1 CustomerKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | CustomerKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 17900 |
| Examples | |
| Comments | |

3.1.2.5.3.2 Attribute GeographyKey

3.1.2.5.3.2.1 GeographyKey properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | GeographyKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 204 |
| Examples | |
| Comments | |

3.1.2.5.3.3 Attribute CustomerAlternateKey

3.1.2.5.3.3.1 CustomerAlternateKey properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | CustomerAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 15 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | AW00017900 |
| Examples | |
| Comments | |

3.1.2.5.3.4 Attribute Title

3.1.2.5.3.4.1 Title properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Title |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 8 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Ms. |
| Examples | |
| Comments | |

3.1.2.5.3.5 Attribute FirstName

3.1.2.5.3.5.1 FirstName properties

| PROPERTY | VALUE |
|----------------------|-----------|
| Business Name | FirstName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Victoria |
| Examples | |
| Comments | |

3.1.2.5.3.6 Attribute MiddleName

3.1.2.5.3.6.1 MiddleName properties

| PROPERTY | VALUE |
|----------------------|------------|
| Business Name | MiddleName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | L. |
| Examples | |
| Comments | |

3.1.2.5.3.7 Attribute LastName

3.1.2.5.3.7.1 LastName properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | LastName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Snowden |
| Examples | |
| Comments | |

3.1.2.5.3.8 Attribute NameStyle

3.1.2.5.3.8.1 NameStyle properties

| PROPERTY | VALUE |
|-------------------|-----------|
| Business Name | NameStyle |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | bit |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | false |
| Examples | |
| Comments | |

3.1.2.5.3.9 Attribute BirthDate

3.1.2.5.3.9.1 BirthDate properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | BirthDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | date |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 1942-08-06T00:00:00.000Z |
| Examples | |
| Comments | |

3.1.2.5.3.10 Attribute MaritalStatus

3.1.2.5.3.10.1 MaritalStatus properties

| PROPERTY | VALUE |
|----------------------|---------------|
| Business Name | MaritalStatus |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 1 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | S |
| Examples | |
| Comments | |

3.1.2.5.3.11 Attribute Suffix

3.1.2.5.3.11.1 Suffix properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Suffix |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.1.2.5.3.12 Attribute Gender

3.1.2.5.3.12.1 Gender properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Gender |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 1 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | F |
| Examples | |
| Comments | |

3.1.2.5.3.13 Attribute EmailAddress

3.1.2.5.3.13.1 EmailAddress properties

| PROPERTY | VALUE |
|----------------------|-------------------------------|
| Business Name | EmailAddress |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | victoria0@adventure-works.com |
| Examples | |
| Comments | |

3.1.2.5.3.14 Attribute YearlyIncome

3.1.2.5.3.14.1 YearlyIncome properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | YearlyIncome |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 10000 |
| Examples | |
| Comments | |

3.1.2.5.3.15 Attribute TotalChildren

3.1.2.5.3.15.1 TotalChildren properties

| PROPERTY | VALUE |
|-------------------|---------------|
| Business Name | TotalChildren |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 3 |
| Examples | |
| Comments | |

3.1.2.5.3.16 Attribute NumberChildrenAtHome

3.1.2.5.3.16.1 NumberChildrenAtHome properties

| PROPERTY | VALUE |
|-------------------|----------------------|
| Business Name | NumberChildrenAtHome |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 0 |
| Examples | |
| Comments | |

3.1.2.5.3.17 Attribute EnglishEducation

3.1.2.5.3.17.1 EnglishEducation properties

| PROPERTY | VALUE |
|----------------------|------------------|
| Business Name | EnglishEducation |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 40 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Partial College |
| Examples | |
| Comments | |

3.1.2.5.3.18 Attribute SpanishEducation

3.1.2.5.3.18.1 SpanishEducation properties

| PROPERTY | VALUE |
|----------------------|------------------------------------|
| Business Name | SpanishEducation |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 40 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Estudios universitarios (en curso) |
| Examples | |
| Comments | |

3.1.2.5.3.19 Attribute FrenchEducation

3.1.2.5.3.19.1 FrenchEducation properties

| PROPERTY | VALUE |
|----------------------|-----------------|
| Business Name | FrenchEducation |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 40 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Baccalauréat |
| Examples | |
| Comments | |

3.1.2.5.3.20 Attribute EnglishOccupation

3.1.2.5.3.20.1 EnglishOccupation properties

| PROPERTY | VALUE |
|----------------------|-------------------|
| Business Name | EnglishOccupation |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 100 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Manual |
| Examples | |
| Comments | |

3.1.2.5.3.21 Attribute SpanishOccupation

3.1.2.5.3.21.1 SpanishOccupation properties

| PROPERTY | VALUE |
|----------------------|-------------------|
| Business Name | SpanishOccupation |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 100 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Obrero |
| Examples | |
| Comments | |

3.1.2.5.3.22 Attribute FrenchOccupation

3.1.2.5.3.22.1 FrenchOccupation properties

| PROPERTY | VALUE |
|----------------------|------------------|
| Business Name | FrenchOccupation |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 100 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Ouvrier |
| Examples | |
| Comments | |

3.1.2.5.3.23 Attribute HouseOwnerFlag

3.1.2.5.3.23.1 HouseOwnerFlag properties

| PROPERTY | VALUE |
|----------------------|----------------|
| Business Name | HouseOwnerFlag |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 1 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.5.3.24 Attribute NumberCarsOwned

3.1.2.5.3.24.1 NumberCarsOwned properties

| PROPERTY | VALUE |
|-------------------|-----------------|
| Business Name | NumberCarsOwned |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.5.3.25 Attribute AddressLine1

3.1.2.5.3.25.1 AddressLine1 properties

| PROPERTY | VALUE |
|----------------------|--------------------|
| Business Name | AddressLine1 |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 120 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 8, rue de l'Avenir |
| Examples | |
| Comments | |

3.1.2.5.3.26 Attribute AddressLine2

3.1.2.5.3.26.1 AddressLine2 properties

| PROPERTY | VALUE |
|----------------------|--------------|
| Business Name | AddressLine2 |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 120 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | # 103 |
| Examples | |
| Comments | |

3.1.2.5.3.27 Attribute Phone

3.1.2.5.3.27.1 Phone properties

| PROPERTY | VALUE |
|----------------------|--------------|
| Business Name | Phone |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 20 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 574-555-0100 |
| Examples | |
| Comments | |

3.1.2.5.3.28 Attribute DateFirstPurchase

3.1.2.5.3.28.1 DateFirstPurchase properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | DateFirstPurchase |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | date |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 2003-06-04T00:00:00.000Z |
| Examples | |
| Comments | |

3.1.2.5.3.29 Attribute CommuteDistance

3.1.2.5.3.29.1 CommuteDistance properties

| PROPERTY | VALUE |
|----------------------|-----------------|
| Business Name | CommuteDistance |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 15 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 1-2 Miles |
| Examples | |
| Comments | |

3.1.2.5.4 DimCustomer Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.5.5 DimCustomer JSON Schema

```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "DimCustomer",  
  "additionalProperties": false,  
  "properties": {  
    "CustomerKey": {  
      "type": "number"  
    },  
    "GeographyKey": {  
      "type": "number"  
    },  
    "CustomerAlternateKey": {  
      "type": "string"  
    },  
    "Title": {  
      "type": "string"  
    },  
    "FirstName": {  
      "type": "string"  
    },  
    "MiddleName": {  
      "type": "string"  
    },  
    "LastName": {  
      "type": "string"  
    },  
    "NameStyle": {  
      "type": "number"  
    },  
    "BirthDate": {  
      "type": "string",  
      "format": "date-time"  
    },  
    "MaritalStatus": {  
      "type": "string"  
    },  
    "Suffix": {  
      "type": "string"  
    },  
    "Gender": {  
      "type": "string"  
    },  
    "EmailAddress": {  
      "type": "string"  
    },  
    "YearlyIncome": {  
      "type": "number"  
    },  
    "TotalChildren": {  
      "type": "number"  
    },  
    "NumberChildrenAtHome": {  
      "type": "number"  
    },  
    "EnglishEducation": {  
      "type": "string"  
    },  
    "SpanishEducation": {  
      "type": "string"  
    }  
  }  
}
```

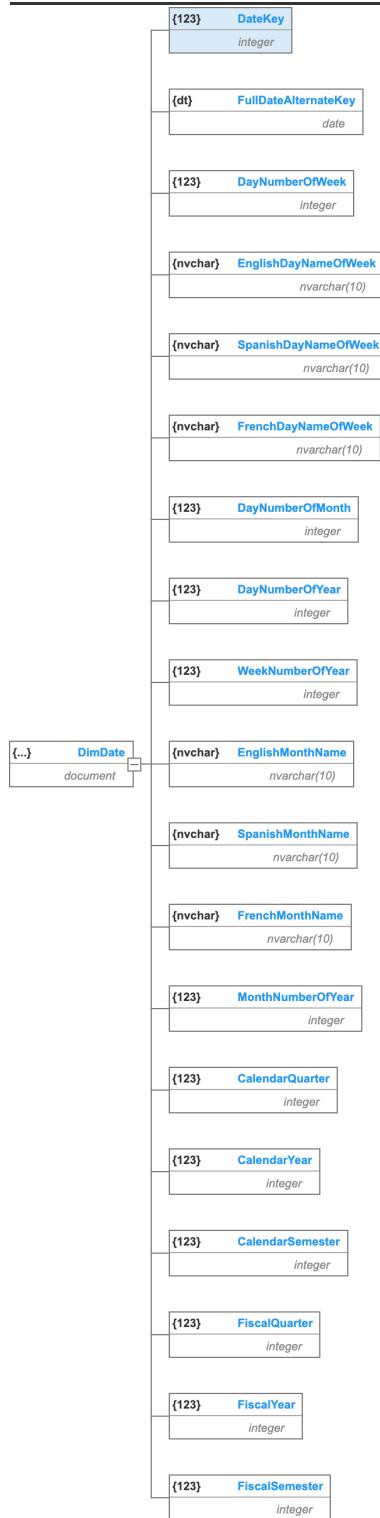
```
},
  "FrenchEducation": {
    "type": "string"
  },
  "EnglishOccupation": {
    "type": "string"
  },
  "SpanishOccupation": {
    "type": "string"
  },
  "FrenchOccupation": {
    "type": "string"
  },
  "HouseOwnerFlag": {
    "type": "string"
  },
  "NumberCarsOwned": {
    "type": "number"
  },
  "AddressLine1": {
    "type": "string"
  },
  "AddressLine2": {
    "type": "string"
  },
  "Phone": {
    "type": "string"
  },
  "DateFirstPurchase": {
    "type": "string",
    "format": "date-time"
  },
  "CommuteDistance": {
    "type": "string"
  }
},
"required": [
  "CustomerKey",
  "CustomerAlternateKey"
]
}
```

3.1.2.5.6 DimCustomer JSON data

```
{  
  "CustomerKey": 17900,  
  "GeographyKey": 204,  
  "CustomerAlternateKey": "AW00017900",  
  "Title": "Ms.",  
  "FirstName": "Victoria",  
  "MiddleName": "L.",  
  "LastName": "Snowden",  
  "NameStyle": false,  
  "BirthDate": "1942-08-06T00:00:00.000Z",  
  "MaritalStatus": "S",  
  "Suffix": "Lorem",  
  "Gender": "F",  
  "EmailAddress": "victoria0@adventure-works.com",  
  "YearlyIncome": 10000,  
  "TotalChildren": 3,  
  "NumberChildrenAtHome": 0,  
  "EnglishEducation": "Partial College",  
  "SpanishEducation": "Estudios universitarios (en curso)",  
  "FrenchEducation": "Baccalauréat",  
  "EnglishOccupation": "Manual",  
  "SpanishOccupation": "Obrero",  
  "FrenchOccupation": "Ouvrier",  
  "HouseOwnerFlag": "1",  
  "NumberCarsOwned": 1,  
  "AddressLine1": "8, rue de l'Avenir",  
  "AddressLine2": "# 103",  
  "Phone": "574-555-0100",  
  "DateFirstPurchase": "2003-06-04T00:00:00.000Z",  
  "CommuteDistance": "1-2 Miles"  
}
```

3.1.2.6 Entity DimDate

3.1.2.6.1 DimDate Tree Diagram



3.1.2.6.2 DimDate Properties

| PROPERTY | VALUE |
|-----------------------|---------|
| Entity name | DimDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.6.3 DimDate Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------------|--------------|------|--------|-------------|----------|
| DateKey | int | true | pk, dk | | |
| FullDateAlternateKey | date | true | | | |
| DayNumberOfWeek | tinyint | true | | | |
| EnglishDayNameOfWeek | nvarchar(10) | true | | | |
| SpanishDayNameOfWeek | nvarchar(10) | true | | | |
| FrenchDayNameOfWeek | nvarchar(10) | true | | | |
| DayNumberOfMonth | tinyint | true | | | |
| DayNumberOfYear | smallint | true | | | |
| WeekNumberOfYear | tinyint | true | | | |
| EnglishMonthName | nvarchar(10) | true | | | |
| SpanishMonthName | nvarchar(10) | true | | | |
| FrenchMonthName | nvarchar(10) | true | | | |
| MonthNumberOfYear | tinyint | true | | | |
| CalendarQuarter | tinyint | true | | | |
| CalendarYear | smallint | true | | | |
| CalendarSemester | tinyint | true | | | |
| FiscalQuarter | tinyint | true | | | |
| FiscalYear | smallint | true | | | |
| FiscalSemester | tinyint | true | | | |

3.1.2.6.3.1 Attribute DateKey

3.1.2.6.3.1.1 DateKey properties

| PROPERTY | VALUE |
|-------------------|----------|
| Business Name | DateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 20040501 |
| Examples | |
| Comments | |

3.1.2.6.3.2 Attribute FullDateAlternateKey

3.1.2.6.3.2.1 FullDateAlternateKey properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | FullDateAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | date |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 2004-05-01T00:00:00.000Z |
| Examples | |
| Comments | |

3.1.2.6.3.3 Attribute DayNumberOfWeek

3.1.2.6.3.3.1 DayNumberOfWeek properties

| PROPERTY | VALUE |
|-------------------|-----------------|
| Business Name | DayNumberOfWeek |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 7 |
| Examples | |
| Comments | |

3.1.2.6.3.4 Attribute EnglishDayNameOfWeek

3.1.2.6.3.4.1 EnglishDayNameOfWeek properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | EnglishDayNameOfWeek |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Saturday |
| Examples | |
| Comments | |

3.1.2.6.3.5 Attribute SpanishDayNameOfWeek

3.1.2.6.3.5.1 SpanishDayNameOfWeek properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | SpanishDayNameOfWeek |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Sábado |
| Examples | |
| Comments | |

3.1.2.6.3.6 Attribute FrenchDayNameOfWeek

3.1.2.6.3.6.1 FrenchDayNameOfWeek properties

| PROPERTY | VALUE |
|----------------------|---------------------|
| Business Name | FrenchDayNameOfWeek |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Samedi |
| Examples | |
| Comments | |

3.1.2.6.3.7 Attribute DayNumberOfMonth

3.1.2.6.3.7.1 DayNumberOfMonth properties

| PROPERTY | VALUE |
|-------------------|------------------|
| Business Name | DayNumberOfMonth |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.6.3.8 Attribute DayNumberOfYear

3.1.2.6.3.8.1 DayNumberOfYear properties

| PROPERTY | VALUE |
|-------------------|-----------------|
| Business Name | DayNumberOfYear |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 122 |
| Examples | |
| Comments | |

3.1.2.6.3.9 Attribute WeekNumberOfYear

3.1.2.6.3.9.1 WeekNumberOfYear properties

| PROPERTY | VALUE |
|-------------------|------------------|
| Business Name | WeekNumberOfYear |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 18 |
| Examples | |
| Comments | |

3.1.2.6.3.10 Attribute EnglishMonthName

3.1.2.6.3.10.1 EnglishMonthName properties

| PROPERTY | VALUE |
|----------------------|------------------|
| Business Name | EnglishMonthName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | May |
| Examples | |
| Comments | |

3.1.2.6.3.11 Attribute SpanishMonthName

3.1.2.6.3.11.1 SpanishMonthName properties

| PROPERTY | VALUE |
|----------------------|------------------|
| Business Name | SpanishMonthName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Mayo |
| Examples | |
| Comments | |

3.1.2.6.3.12 Attribute FrenchMonthName

3.1.2.6.3.12.1 FrenchMonthName properties

| PROPERTY | VALUE |
|----------------------|-----------------|
| Business Name | FrenchMonthName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Mai |
| Examples | |
| Comments | |

3.1.2.6.3.13 Attribute MonthNumberOfYear

3.1.2.6.3.13.1 MonthNumberOfYear properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | MonthNumberOfYear |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 5 |
| Examples | |
| Comments | |

3.1.2.6.3.14 Attribute CalendarQuarter

3.1.2.6.3.14.1 CalendarQuarter properties

| PROPERTY | VALUE |
|-------------------|-----------------|
| Business Name | CalendarQuarter |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2 |
| Examples | |
| Comments | |

3.1.2.6.3.15 Attribute CalendarYear

3.1.2.6.3.15.1 CalendarYear properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | CalendarYear |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2004 |
| Examples | |
| Comments | |

3.1.2.6.3.16 Attribute CalendarSemester

3.1.2.6.3.16.1 CalendarSemester properties

| PROPERTY | VALUE |
|-------------------|------------------|
| Business Name | CalendarSemester |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.6.3.17 Attribute FiscalQuarter

3.1.2.6.3.17.1 FiscalQuarter properties

| PROPERTY | VALUE |
|-------------------|---------------|
| Business Name | FiscalQuarter |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.6.3.18 Attribute FiscalYear

3.1.2.6.3.18.1 FiscalYear properties

| PROPERTY | VALUE |
|-------------------|------------|
| Business Name | FiscalYear |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2004 |
| Examples | |
| Comments | |

3.1.2.6.3.19 Attribute FiscalSemester

3.1.2.6.3.19.1 FiscalSemester properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | FiscalSemester |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2 |
| Examples | |
| Comments | |

3.1.2.6.4 DimDate Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.6.5 DimDate JSON Schema

```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "DimDate",  
  "additionalProperties": false,  
  "properties": {  
    "DateKey": {  
      "type": "number"  
    },  
    "FullDateAlternateKey": {  
      "type": "string",  
      "format": "date-time"  
    },  
    "DayNumberOfWeek": {  
      "type": "number"  
    },  
    "EnglishDayNameOfWeek": {  
      "type": "string"  
    },  
    "SpanishDayNameOfWeek": {  
      "type": "string"  
    },  
    "FrenchDayNameOfWeek": {  
      "type": "string"  
    },  
    "DayNumberOfMonth": {  
      "type": "number"  
    },  
    "DayNumberOfYear": {  
      "type": "number"  
    },  
    "WeekNumberOfYear": {  
      "type": "number"  
    },  
    "EnglishMonthName": {  
      "type": "string"  
    },  
    "SpanishMonthName": {  
      "type": "string"  
    },  
    "FrenchMonthName": {  
      "type": "string"  
    },  
    "MonthNumberOfYear": {  
      "type": "number"  
    },  
    "CalendarQuarter": {  
      "type": "number"  
    },  
    "CalendarYear": {  
      "type": "number"  
    },  
    "CalendarSemester": {  
      "type": "number"  
    },  
    "FiscalQuarter": {  
      "type": "number"  
    },  
    "FiscalYear": {  
      "type": "number"  
    }  
  }  
}
```

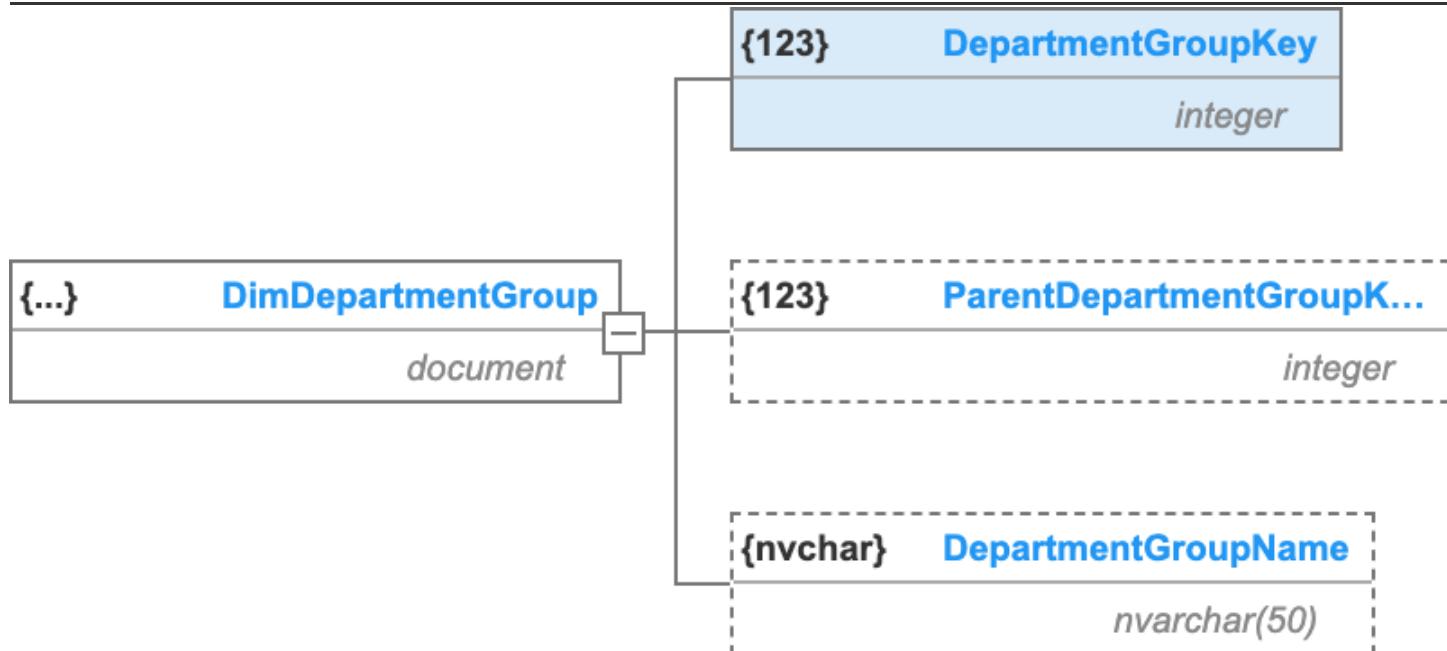
```
},
  "FiscalSemester": {
    "type": "number"
  }
},
"required": [
  "DateKey",
  "FullDateAlternateKey",
  "DayNumberOfWeek",
  "EnglishDayNameOfWeek",
  "SpanishDayNameOfWeek",
  "FrenchDayNameOfWeek",
  "DayNumberOfMonth",
  "DayNumberOfYear",
  "WeekNumberOfYear",
  "EnglishMonthName",
  "SpanishMonthName",
  "FrenchMonthName",
  "MonthNumberOfYear",
  "CalendarQuarter",
  "CalendarYear",
  "CalendarSemester",
  "FiscalQuarter",
  "FiscalYear",
  "FiscalSemester"
]
}
```

3.1.2.6.6 DimDate JSON data

```
{
  "DateKey": 20040501,
  "FullDateAlternateKey": "2004-05-01T00:00:00.000Z",
  "DayNumberOfWeek": 7,
  "EnglishDayNameOfWeek": "Saturday",
  "SpanishDayNameOfWeek": "Sábado",
  "FrenchDayNameOfWeek": "Samedi",
  "DayNumberOfMonth": 1,
  "DayNumberOfYear": 122,
  "WeekNumberOfYear": 18,
  "EnglishMonthName": "May",
  "SpanishMonthName": "Mayo",
  "FrenchMonthName": "Mai",
  "MonthNumberOfYear": 5,
  "CalendarQuarter": 2,
  "CalendarYear": 2004,
  "CalendarSemester": 1,
  "FiscalQuarter": 4,
  "FiscalYear": 2004,
  "FiscalSemester": 2
}
```

3.1.2.7 Entity DimDepartmentGroup

3.1.2.7.1 DimDepartmentGroup Tree Diagram



3.1.2.7.2 DimDepartmentGroup Properties

| PROPERTY | VALUE |
|-----------------------|--------------------|
| Entity name | DimDepartmentGroup |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.7.3 DimDepartmentGroup Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|--------------------------|--------------|-------|--------|-------------|----------|
| DepartmentGroupKey | int | true | pk, dk | | |
| ParentDepartmentGroupKey | int | false | fk | | |
| DepartmentGroupName | nvarchar(50) | false | | | |

3.1.2.7.3.1 Attribute DepartmentGroupKey

3.1.2.7.3.1.1 DepartmentGroupKey properties

| PROPERTY | VALUE |
|-------------------|--------------------|
| Business Name | DepartmentGroupKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.7.3.2 Attribute ParentDepartmentGroupKey

3.1.2.7.3.2.1 ParentDepartmentGroupKey properties

| PROPERTY | VALUE |
|-------------------|--------------------------|
| Business Name | ParentDepartmentGroupKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | DimDepartmentGroup |
| Foreign field | DepartmentGroupKey |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.7.3.3 Attribute DepartmentGroupName

3.1.2.7.3.3.1 DepartmentGroupName properties

| PROPERTY | VALUE |
|----------------------|---------------------|
| Business Name | DepartmentGroupName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Manufacturing |
| Examples | |
| Comments | |

3.1.2.7.4 DimDepartmentGroup Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.7.5 DimDepartmentGroup JSON Schema

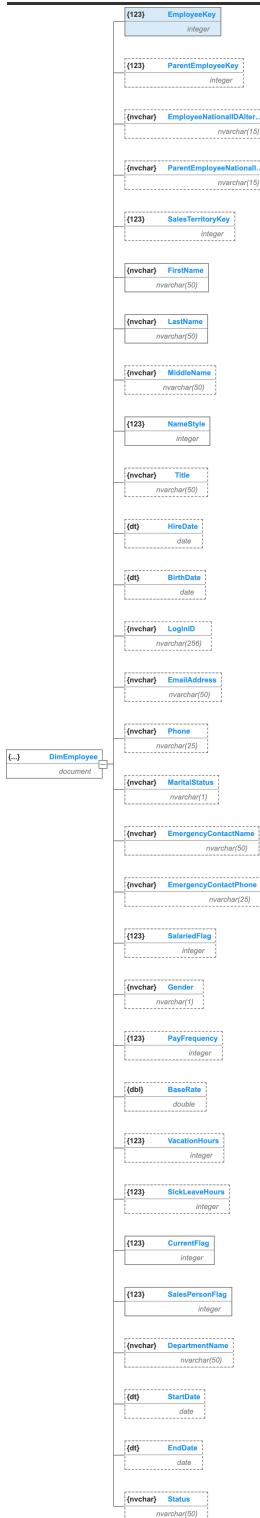
```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "DimDepartmentGroup",  
  "additionalProperties": false,  
  "properties": {  
    "DepartmentGroupKey": {  
      "type": "number"  
    },  
    "ParentDepartmentGroupKey": {  
      "type": "number"  
    },  
    "DepartmentGroupName": {  
      "type": "string"  
    }  
  },  
  "required": [  
    "DepartmentGroupKey"  
  ]  
}
```

3.1.2.7.6 DimDepartmentGroup JSON data

```
{  
  "DepartmentGroupKey": 4,  
  "ParentDepartmentGroupKey": 1,  
  "DepartmentGroupName": "Manufacturing"  
}
```

3.1.2.8 Entity DimEmployee

3.1.2.8.1 DimEmployee Tree Diagram



3.1.2.8.2 DimEmployee Properties

| PROPERTY | VALUE |
|-----------------------|-------------|
| Entity name | DimEmployee |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.8.3 DimEmployee Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|--------------------------------------|---------------|-------|-----|-------------|----------|
| EmployeeKey | int | true | pk | | |
| ParentEmployeeKey | int | false | | | |
| EmployeeNationalIDAlternateKey | nvarchar(15) | false | | | |
| ParentEmployeeNationalIDAlternateKey | nvarchar(15) | false | | | |
| SalesTerritoryKey | int | false | | | |
| FirstName | nvarchar(50) | true | | | |
| LastName | nvarchar(50) | true | | | |
| MiddleName | nvarchar(50) | false | | | |
| NameStyle | bit | true | | | |
| Title | nvarchar(50) | false | | | |
| HireDate | date | false | | | |
| BirthDate | date | false | | | |
| LoginID | nvarchar(256) | false | | | |
| EmailAddress | nvarchar(50) | false | | | |
| Phone | nvarchar(25) | false | | | |
| MaritalStatus | nchar(1) | false | | | |
| EmergencyContactName | nvarchar(50) | false | | | |
| EmergencyContactPhone | nvarchar(25) | false | | | |
| SalariedFlag | bit | false | | | |
| Gender | nchar(1) | false | | | |
| PayFrequency | tinyint | false | | | |
| BaseRate | double | false | | | |
| VacationHours | smallint | false | | | |
| SickLeaveHours | smallint | false | | | |
| CurrentFlag | bit | true | | | |
| SalesPersonFlag | bit | true | | | |
| DepartmentName | nvarchar(50) | false | | | |
| StartDate | date | false | | | |
| EndDate | date | false | | | |
| Status | nvarchar(50) | false | | | |

3.1.2.8.3.1 Attribute EmployeeKey

3.1.2.8.3.1.1 EmployeeKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | EmployeeKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 274 |
| Examples | |
| Comments | |

3.1.2.8.3.2 Attribute ParentEmployeeKey

3.1.2.8.3.2.1 ParentEmployeeKey properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | ParentEmployeeKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 3 |
| Examples | |
| Comments | |

3.1.2.8.3.3 Attribute EmployeeNationalIDAlternateKey

3.1.2.8.3.3.1 EmployeeNationalIDAlternateKey properties

| PROPERTY | VALUE |
|----------------------|--------------------------------|
| Business Name | EmployeeNationalIDAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 15 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 56920285 |
| Examples | |
| Comments | |

3.1.2.8.3.4 Attribute ParentEmployeeNationalIDAlternateKey

3.1.2.8.3.4.1 ParentEmployeeNationalIDAlternateKey properties

| PROPERTY | VALUE |
|----------------------|--------------------------------------|
| Business Name | ParentEmployeeNationalIDAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 15 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.1.2.8.3.5 Attribute SalesTerritoryKey

3.1.2.8.3.5.1 SalesTerritoryKey properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | SalesTerritoryKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 11 |
| Examples | |
| Comments | |

3.1.2.8.3.6 Attribute FirstName

3.1.2.8.3.6.1 FirstName properties

| PROPERTY | VALUE |
|----------------------|-----------|
| Business Name | FirstName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Sharon |
| Examples | |
| Comments | |

3.1.2.8.3.7 Attribute LastName

3.1.2.8.3.7.1 LastName properties

| PROPERTY | VALUE |
|----------------------|------------|
| Business Name | LastName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Salavarria |
| Examples | |
| Comments | |

3.1.2.8.3.8 Attribute MiddleName

3.1.2.8.3.8.1 MiddleName properties

| PROPERTY | VALUE |
|----------------------|------------|
| Business Name | MiddleName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | B |
| Examples | |
| Comments | |

3.1.2.8.3.9 Attribute NameStyle

3.1.2.8.3.9.1 NameStyle properties

| PROPERTY | VALUE |
|-------------------|-----------|
| Business Name | NameStyle |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | bit |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | false |
| Examples | |
| Comments | |

3.1.2.8.3.10 Attribute Title

3.1.2.8.3.10.1 Title properties

| PROPERTY | VALUE |
|----------------------|-----------------|
| Business Name | Title |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Design Engineer |
| Examples | |
| Comments | |

3.1.2.8.3.11 Attribute HireDate

3.1.2.8.3.11.1 HireDate properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | HireDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | date |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 2001-02-18T00:00:00.000Z |
| Examples | |
| Comments | |

3.1.2.8.3.12 Attribute BirthDate

3.1.2.8.3.12.1 BirthDate properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | BirthDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | date |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 1951-06-03T00:00:00.000Z |
| Examples | |
| Comments | |

3.1.2.8.3.13 Attribute LoginID

3.1.2.8.3.13.1 LoginID properties

| PROPERTY | VALUE |
|----------------------|-------------------------|
| Business Name | LoginID |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 256 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | adventure-works\sharon0 |
| Examples | |
| Comments | |

3.1.2.8.3.14 Attribute EmailAddress

3.1.2.8.3.14.1 EmailAddress properties

| PROPERTY | VALUE |
|----------------------|-----------------------------|
| Business Name | EmailAddress |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | sharon0@adventure-works.com |
| Examples | |
| Comments | |

3.1.2.8.3.15 Attribute Phone

3.1.2.8.3.15.1 Phone properties

| PROPERTY | VALUE |
|----------------------|--------------|
| Business Name | Phone |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 25 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 970-555-0138 |
| Examples | |
| Comments | |

3.1.2.8.3.16 Attribute MaritalStatus

3.1.2.8.3.16.1 MaritalStatus properties

| PROPERTY | VALUE |
|----------------------|---------------|
| Business Name | MaritalStatus |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 1 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | M |
| Examples | |
| Comments | |

3.1.2.8.3.17 Attribute EmergencyContactName

3.1.2.8.3.17.1 EmergencyContactName properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | EmergencyContactName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Sharon Salavaria |
| Examples | |
| Comments | |

3.1.2.8.3.18 Attribute EmergencyContactPhone

3.1.2.8.3.18.1 EmergencyContactPhone properties

| PROPERTY | VALUE |
|----------------------|-----------------------|
| Business Name | EmergencyContactPhone |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 25 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 970-555-0138 |
| Examples | |
| Comments | |

3.1.2.8.3.19 Attribute SalariedFlag

3.1.2.8.3.19.1 SalariedFlag properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | SalariedFlag |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | bit |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | true |
| Examples | |
| Comments | |

3.1.2.8.3.20 Attribute Gender

3.1.2.8.3.20.1 Gender properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Gender |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 1 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | F |
| Examples | |
| Comments | |

3.1.2.8.3.21 Attribute PayFrequency

3.1.2.8.3.21.1 PayFrequency properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | PayFrequency |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2 |
| Examples | |
| Comments | |

3.1.2.8.3.22 Attribute BaseRate

3.1.2.8.3.22.1 BaseRate properties

| PROPERTY | VALUE |
|-------------------|----------|
| Business Name | BaseRate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 32.6923 |
| Examples | |
| Comments | |

3.1.2.8.3.23 Attribute VacationHours

3.1.2.8.3.23.1 VacationHours properties

| PROPERTY | VALUE |
|-------------------|---------------|
| Business Name | VacationHours |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.8.3.24 Attribute SickLeaveHours

3.1.2.8.3.24.1 SickLeaveHours properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | SickLeaveHours |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 22 |
| Examples | |
| Comments | |

3.1.2.8.3.25 Attribute CurrentFlag

3.1.2.8.3.25.1 CurrentFlag properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | CurrentFlag |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | bit |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | true |
| Examples | |
| Comments | |

3.1.2.8.3.26 Attribute SalesPersonFlag

3.1.2.8.3.26.1 SalesPersonFlag properties

| PROPERTY | VALUE |
|-------------------|-----------------|
| Business Name | SalesPersonFlag |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | bit |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | false |
| Examples | |
| Comments | |

3.1.2.8.3.27 Attribute DepartmentName

3.1.2.8.3.27.1 DepartmentName properties

| PROPERTY | VALUE |
|----------------------|----------------|
| Business Name | DepartmentName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Engineering |
| Examples | |
| Comments | |

3.1.2.8.3.28 Attribute StartDate

3.1.2.8.3.28.1 StartDate properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | StartDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | date |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 2001-02-18T00:00:00.000Z |
| Examples | |
| Comments | |

3.1.2.8.3.29 Attribute EndDate

3.1.2.8.3.29.1 EndDate properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | EndDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | date |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 2001-08-30T00:00:00.000Z |
| Examples | |
| Comments | |

3.1.2.8.3.30 Attribute Status

3.1.2.8.3.30.1 Status properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Status |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Current |
| Examples | |
| Comments | |

3.1.2.8.4 DimEmployee Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.8.5 DimEmployee JSON Schema

```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "DimEmployee",  
  "additionalProperties": false,  
  "properties": {  
    "EmployeeKey": {  
      "type": "number"  
    },  
    "ParentEmployeeKey": {  
      "type": "number"  
    },  
    "EmployeeNationalIDAlternateKey": {  
      "type": "string"  
    },  
    "ParentEmployeeNationalIDAlternateKey": {  
      "type": "string"  
    },  
    "SalesTerritoryKey": {  
      "type": "number"  
    },  
    "FirstName": {  
      "type": "string"  
    },  
    "LastName": {  
      "type": "string"  
    },  
    "MiddleName": {  
      "type": "string"  
    },  
    "NameStyle": {  
      "type": "number"  
    },  
    "Title": {  
      "type": "string"  
    },  
    "HireDate": {  
      "type": "string",  
      "format": "date-time"  
    },  
    "BirthDate": {  
      "type": "string",  
      "format": "date-time"  
    },  
    "LoginID": {  
      "type": "string"  
    },  
    "EmailAddress": {  
      "type": "string"  
    },  
    "Phone": {  
      "type": "string"  
    },  
    "MaritalStatus": {  
      "type": "string"  
    },  
    "EmergencyContactName": {  
      "type": "string"  
    },  
    "EmergencyContactPhone": {  
      "type": "string"  
    }  
  }  
}
```

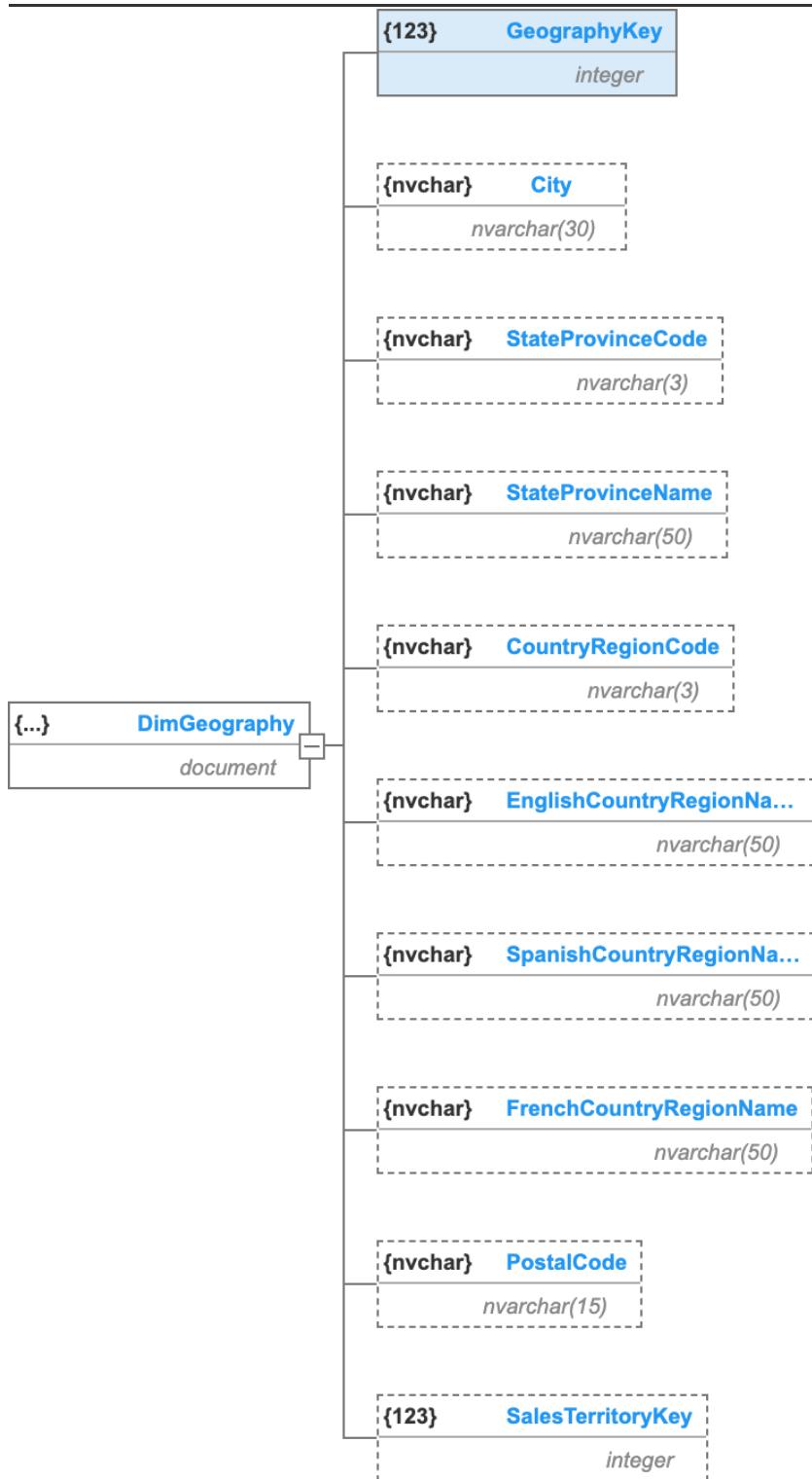
```
"type": "string"
},
"SalariedFlag": {
  "type": "number"
},
"Gender": {
  "type": "string"
},
"PayFrequency": {
  "type": "number"
},
"BaseRate": {
  "type": "number"
},
"VacationHours": {
  "type": "number"
},
"SickLeaveHours": {
  "type": "number"
},
"CurrentFlag": {
  "type": "number"
},
"SalesPersonFlag": {
  "type": "number"
},
"DepartmentName": {
  "type": "string"
},
"StartDate": {
  "type": "string",
  "format": "date-time"
},
"EndDate": {
  "type": "string",
  "format": "date-time"
},
>Status": {
  "type": "string"
},
},
"required": [
  "EmployeeKey",
  "FirstName",
  "LastName",
  "NameStyle",
  "CurrentFlag",
  "SalesPersonFlag"
]
}
```

3.1.2.8.6 DimEmployee JSON data

```
{  
    "EmployeeKey": 274,  
    "ParentEmployeeKey": 3,  
    "EmployeeNationalIDAlternateKey": "56920285",  
    "ParentEmployeeNationalIDAlternateKey": "Lorem",  
    "SalesTerritoryKey": 11,  
    "FirstName": "Sharon",  
    "LastName": "Salavarria",  
    "MiddleName": "B",  
    "NameStyle": false,  
    "Title": "Design Engineer",  
    "HireDate": "2001-02-18T00:00:00.000Z",  
    "BirthDate": "1951-06-03T00:00:00.000Z",  
    "LoginID": "adventure-works\\sharon0",  
    "EmailAddress": "sharon0@adventure-works.com",  
    "Phone": "970-555-0138",  
    "MaritalStatus": "M",  
    "EmergencyContactName": "Sharon Salavarria",  
    "EmergencyContactPhone": "970-555-0138",  
    "SalariedFlag": true,  
    "Gender": "F",  
    "PayFrequency": 2,  
    "BaseRate": 32.6923,  
    "VacationHours": 4,  
    "SickLeaveHours": 22,  
    "CurrentFlag": true,  
    "SalesPersonFlag": false,  
    "DepartmentName": "Engineering",  
    "StartDate": "2001-02-18T00:00:00.000Z",  
    "EndDate": "2001-08-30T00:00:00.000Z",  
    "Status": "Current"  
}
```

3.1.2.9 Entity DimGeography

3.1.2.9.1 DimGeography Tree Diagram



3.1.2.9.2 DimGeography Properties

| PROPERTY | VALUE |
|-----------------------|--------------|
| Entity name | DimGeography |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.9.3 DimGeography Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|--------------------------|--------------|-------|-----|-------------|----------|
| GeographyKey | int | true | pk | | |
| City | nvarchar(30) | false | | | |
| StateProvinceCode | nvarchar(3) | false | | | |
| StateProvinceName | nvarchar(50) | false | | | |
| CountryRegionCode | nvarchar(3) | false | | | |
| EnglishCountryRegionName | nvarchar(50) | false | | | |
| SpanishCountryRegionName | nvarchar(50) | false | | | |
| FrenchCountryRegionName | nvarchar(50) | false | | | |
| PostalCode | nvarchar(15) | false | | | |
| SalesTerritoryKey | int | false | | | |

3.1.2.9.3.1 Attribute GeographyKey

3.1.2.9.3.1.1 GeographyKey properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | GeographyKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 654 |
| Examples | |
| Comments | |

3.1.2.9.3.2 Attribute City

3.1.2.9.3.2.1 City properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | City |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 30 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Cheyenne |
| Examples | |
| Comments | |

3.1.2.9.3.3 Attribute StateProvinceCode

3.1.2.9.3.3.1 StateProvinceCode properties

| PROPERTY | VALUE |
|----------------------|-------------------|
| Business Name | StateProvinceCode |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 3 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | WY |
| Examples | |
| Comments | |

3.1.2.9.3.4 Attribute StateProvinceName

3.1.2.9.3.4.1 StateProvinceName properties

| PROPERTY | VALUE |
|----------------------|-------------------|
| Business Name | StateProvinceName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Wyoming |
| Examples | |
| Comments | |

3.1.2.9.3.5 Attribute CountryRegionCode

3.1.2.9.3.5.1 CountryRegionCode properties

| PROPERTY | VALUE |
|----------------------|-------------------|
| Business Name | CountryRegionCode |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 3 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | US |
| Examples | |
| Comments | |

3.1.2.9.3.6 Attribute EnglishCountryRegionName

3.1.2.9.3.6.1 EnglishCountryRegionName properties

| PROPERTY | VALUE |
|----------------------|--------------------------|
| Business Name | EnglishCountryRegionName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | United States |
| Examples | |
| Comments | |

3.1.2.9.3.7 Attribute SpanishCountryRegionName

3.1.2.9.3.7.1 SpanishCountryRegionName properties

| PROPERTY | VALUE |
|----------------------|--------------------------|
| Business Name | SpanishCountryRegionName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Estados Unidos |
| Examples | |
| Comments | |

3.1.2.9.3.8 Attribute FrenchCountryRegionName

3.1.2.9.3.8.1 FrenchCountryRegionName properties

| PROPERTY | VALUE |
|----------------------|-------------------------|
| Business Name | FrenchCountryRegionName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | États-Unis |
| Examples | |
| Comments | |

3.1.2.9.3.9 Attribute PostalCode

3.1.2.9.3.9.1 PostalCode properties

| PROPERTY | VALUE |
|----------------------|------------|
| Business Name | PostalCode |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 15 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 82001 |
| Examples | |
| Comments | |

3.1.2.9.3.10 Attribute SalesTerritoryKey

3.1.2.9.3.10.1 SalesTerritoryKey properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | SalesTerritoryKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.9.4 DimGeography Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.9.5 DimGeography JSON Schema

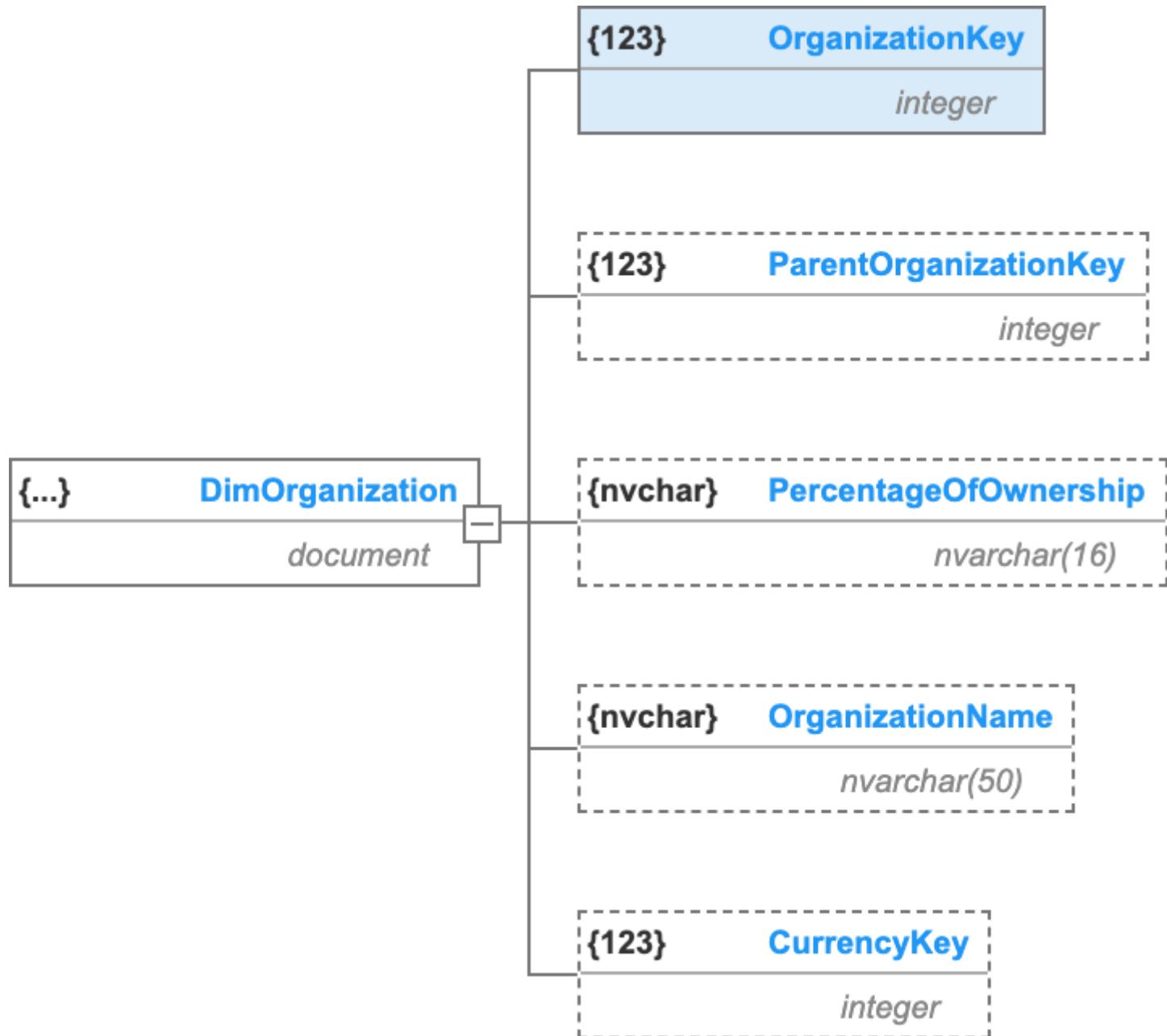
```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "DimGeography",
  "additionalProperties": false,
  "properties": {
    "GeographyKey": {
      "type": "number"
    },
    "City": {
      "type": "string"
    },
    "StateProvinceCode": {
      "type": "string"
    },
    "StateProvinceName": {
      "type": "string"
    },
    "CountryRegionCode": {
      "type": "string"
    },
    "EnglishCountryRegionName": {
      "type": "string"
    },
    "SpanishCountryRegionName": {
      "type": "string"
    },
    "FrenchCountryRegionName": {
      "type": "string"
    },
    "PostalCode": {
      "type": "string"
    },
    "SalesTerritoryKey": {
      "type": "number"
    }
  },
  "required": [
    "GeographyKey"
  ]
}
```

3.1.2.9.6 DimGeography JSON data

```
{
  "GeographyKey": 654,
  "City": "Cheyenne",
  "StateProvinceCode": "WY",
  "StateProvinceName": "Wyoming",
  "CountryRegionCode": "US",
  "EnglishCountryRegionName": "United States",
  "SpanishCountryRegionName": "Estados Unidos",
  "FrenchCountryRegionName": "États-Unis",
  "PostalCode": "82001",
  "SalesTerritoryKey": 1
}
```

3.1.2.10 Entity DimOrganization

3.1.2.10.1 DimOrganization Tree Diagram



3.1.2.10.2 DimOrganization Properties

| PROPERTY | VALUE |
|-----------------------|-----------------|
| Entity name | DimOrganization |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.10.3 DimOrganization Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------------------|--------------|-------|--------|-------------|----------|
| OrganizationKey | int | true | pk, dk | | |
| ParentOrganizationKey | int | false | | | |
| PercentageOfOwnership | nvarchar(16) | false | | | |
| OrganizationName | nvarchar(50) | false | | | |
| CurrencyKey | int | false | | | |

3.1.2.10.3.1 Attribute OrganizationKey

3.1.2.10.3.1.1 OrganizationKey properties

| PROPERTY | VALUE |
|-------------------|-----------------|
| Business Name | OrganizationKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.10.3.2 Attribute ParentOrganizationKey

3.1.2.10.3.2.1 ParentOrganizationKey properties

| PROPERTY | VALUE |
|-------------------|-----------------------|
| Business Name | ParentOrganizationKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 14 |
| Examples | |
| Comments | |

3.1.2.10.3.3 Attribute PercentageOfOwnership

3.1.2.10.3.3.1 PercentageOfOwnership properties

| PROPERTY | VALUE |
|----------------------|-----------------------|
| Business Name | PercentageOfOwnership |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 16 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.10.3.4 Attribute OrganizationName

3.1.2.10.3.4.1 OrganizationName properties

| PROPERTY | VALUE |
|----------------------|--------------------|
| Business Name | OrganizationName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Northwest Division |
| Examples | |
| Comments | |

3.1.2.10.3.5 Attribute CurrencyKey

3.1.2.10.3.5.1 CurrencyKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | CurrencyKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 100 |
| Examples | |
| Comments | |

3.1.2.10.4 DimOrganization Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.10.5 DimOrganization JSON Schema

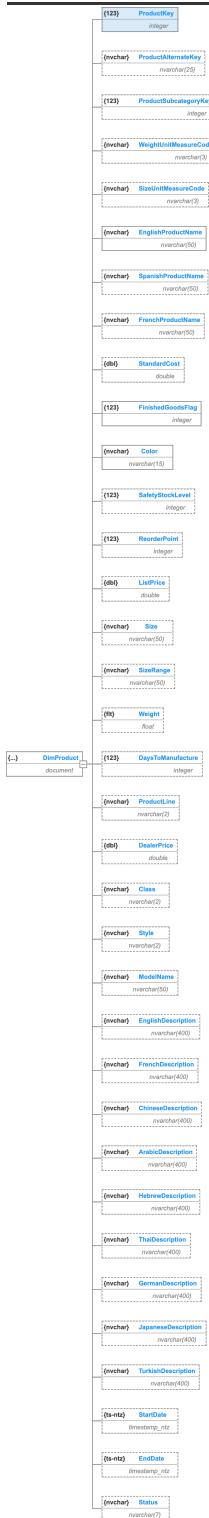
```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "DimOrganization",  
  "additionalProperties": false,  
  "properties": {  
    "OrganizationKey": {  
      "type": "number"  
    },  
    "ParentOrganizationKey": {  
      "type": "number"  
    },  
    "PercentageOfOwnership": {  
      "type": "string"  
    },  
    "OrganizationName": {  
      "type": "string"  
    },  
    "CurrencyKey": {  
      "type": "number"  
    }  
  },  
  "required": [  
    "OrganizationKey"  
  ]  
}
```

3.1.2.10.6 DimOrganization JSON data

```
{  
  "OrganizationKey": 4,  
  "ParentOrganizationKey": 14,  
  "PercentageOfOwnership": "1",  
  "OrganizationName": "Northwest Division",  
  "CurrencyKey": 100  
}
```

3.1.2.11 Entity DimProduct

3.1.2.11.1 DimProduct Tree Diagram



3.1.2.11.2 DimProduct Properties

| PROPERTY | VALUE |
|-----------------------|------------|
| Entity name | DimProduct |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.11.3 DimProduct Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------------------|---------------|-------|-----|-------------|----------|
| ProductKey | int | true | pk | | |
| ProductAlternateKey | nvarchar(25) | false | | | |
| ProductSubcategoryKey | int | false | | | |
| WeightUnitMeasureCode | nchar(3) | false | | | |
| SizeUnitMeasureCode | nchar(3) | false | | | |
| EnglishProductName | nvarchar(50) | true | | | |
| SpanishProductName | nvarchar(50) | false | | | |
| FrenchProductName | nvarchar(50) | false | | | |
| StandardCost | double | false | | | |
| FinishedGoodsFlag | bit | true | | | |
| Color | nvarchar(15) | true | | | |
| SafetyStockLevel | smallint | false | | | |
| ReorderPoint | smallint | false | | | |
| ListPrice | double | false | | | |
| Size | nvarchar(50) | false | | | |
| SizeRange | nvarchar(50) | false | | | |
| Weight | float | false | | | |
| DaysToManufacture | int | false | | | |
| ProductLine | nchar(2) | false | | | |
| DealerPrice | double | false | | | |
| Class | nchar(2) | false | | | |
| Style | nchar(2) | false | | | |
| ModelName | nvarchar(50) | false | | | |
| EnglishDescription | nvarchar(400) | false | | | |
| FrenchDescription | nvarchar(400) | false | | | |
| ChineseDescription | nvarchar(400) | false | | | |
| ArabicDescription | nvarchar(400) | false | | | |
| HebrewDescription | nvarchar(400) | false | | | |
| ThaiDescription | nvarchar(400) | false | | | |
| GermanDescription | nvarchar(400) | false | | | |
| JapaneseDescription | nvarchar(400) | false | | | |
| TurkishDescription | nvarchar(400) | false | | | |
| StartDate | datetime | false | | | |
| EndDate | datetime | false | | | |
| Status | nvarchar(7) | false | | | |

3.1.2.11.3.1 Attribute ProductKey

3.1.2.11.3.1.1 ProductKey properties

| PROPERTY | VALUE |
|-------------------|------------|
| Business Name | ProductKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 597 |
| Examples | |
| Comments | |

3.1.2.11.3.2 Attribute ProductAlternateKey

3.1.2.11.3.2.1 ProductAlternateKey properties

| PROPERTY | VALUE |
|----------------------|---------------------|
| Business Name | ProductAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 25 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | BK-M18B-42 |
| Examples | |
| Comments | |

3.1.2.11.3.3 Attribute ProductSubcategoryKey

3.1.2.11.3.3.1 ProductSubcategoryKey properties

| PROPERTY | VALUE |
|-------------------|-----------------------|
| Business Name | ProductSubcategoryKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.11.3.4 Attribute WeightUnitMeasureCode

3.1.2.11.3.4.1 WeightUnitMeasureCode properties

| PROPERTY | VALUE |
|----------------------|-----------------------|
| Business Name | WeightUnitMeasureCode |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 3 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | LB |
| Examples | |
| Comments | |

3.1.2.11.3.5 Attribute SizeUnitMeasureCode

3.1.2.11.3.5.1 SizeUnitMeasureCode properties

| PROPERTY | VALUE |
|----------------------|---------------------|
| Business Name | SizeUnitMeasureCode |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 3 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | CM |
| Examples | |
| Comments | |

3.1.2.11.3.6 Attribute EnglishProductName

3.1.2.11.3.6.1 EnglishProductName properties

| PROPERTY | VALUE |
|----------------------|------------------------|
| Business Name | EnglishProductName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Mountain-500 Black, 42 |
| Examples | |
| Comments | |

3.1.2.11.3.7 Attribute SpanishProductName

3.1.2.11.3.7.1 SpanishProductName properties

| PROPERTY | VALUE |
|----------------------|-------------------------|
| Business Name | SpanishProductName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Montaña: 500, negra, 42 |
| Examples | |
| Comments | |

3.1.2.11.3.8 Attribute FrenchProductName

3.1.2.11.3.8.1 FrenchProductName properties

| PROPERTY | VALUE |
|----------------------|-------------------|
| Business Name | FrenchProductName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | VTT 500 noir, 42 |
| Examples | |
| Comments | |

3.1.2.11.3.9 Attribute StandardCost

3.1.2.11.3.9.1 StandardCost properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | StandardCost |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 294.5797 |
| Examples | |
| Comments | |

3.1.2.11.3.10 Attribute FinishedGoodsFlag

3.1.2.11.3.10.1 FinishedGoodsFlag properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | FinishedGoodsFlag |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | bit |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | true |
| Examples | |
| Comments | |

3.1.2.11.3.11 Attribute Color

3.1.2.11.3.11.1 Color properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Color |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 15 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Black |
| Examples | |
| Comments | |

3.1.2.11.3.12 Attribute SafetyStockLevel

3.1.2.11.3.12.1 SafetyStockLevel properties

| PROPERTY | VALUE |
|-------------------|------------------|
| Business Name | SafetyStockLevel |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 100 |
| Examples | |
| Comments | |

3.1.2.11.3.13 Attribute ReorderPoint

3.1.2.11.3.13.1 ReorderPoint properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | ReorderPoint |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 75 |
| Examples | |
| Comments | |

3.1.2.11.3.14 Attribute ListPrice

3.1.2.11.3.14.1 ListPrice properties

| PROPERTY | VALUE |
|-------------------|-----------|
| Business Name | ListPrice |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 539.99 |
| Examples | |
| Comments | |

3.1.2.11.3.15 Attribute Size

3.1.2.11.3.15.1 Size properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Size |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 42 |
| Examples | |
| Comments | |

3.1.2.11.3.16 Attribute SizeRange

3.1.2.11.3.16.1 SizeRange properties

| PROPERTY | VALUE |
|----------------------|-----------|
| Business Name | SizeRange |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 42-46 CM |
| Examples | |
| Comments | |

3.1.2.11.3.17 Attribute Weight

3.1.2.11.3.17.1 Weight properties

| PROPERTY | VALUE |
|-------------------|--------|
| Business Name | Weight |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | float |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 27.77 |
| Examples | |
| Comments | |

3.1.2.11.3.18 Attribute DaysToManufacture

3.1.2.11.3.18.1 DaysToManufacture properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | DaysToManufacture |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.11.3.19 Attribute ProductLine

3.1.2.11.3.19.1 ProductLine properties

| PROPERTY | VALUE |
|----------------------|-------------|
| Business Name | ProductLine |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 2 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | M |
| Examples | |
| Comments | |

3.1.2.11.3.20 Attribute DealerPrice

3.1.2.11.3.20.1 DealerPrice properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | DealerPrice |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 323.994 |
| Examples | |
| Comments | |

3.1.2.11.3.21 Attribute Class

3.1.2.11.3.21.1 Class properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Class |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 2 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | L |
| Examples | |
| Comments | |

3.1.2.11.3.22 Attribute Style

3.1.2.11.3.22.1 Style properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Style |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 2 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | U |
| Examples | |
| Comments | |

3.1.2.11.3.23 Attribute ModelName

3.1.2.11.3.23.1 ModelName properties

| PROPERTY | VALUE |
|----------------------|--------------|
| Business Name | modelName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Mountain-500 |
| Examples | |
| Comments | |

3.1.2.11.3.24 Attribute EnglishDescription

3.1.2.11.3.24.1 EnglishDescription properties

| PROPERTY | VALUE |
|----------------------|--|
| Business Name | EnglishDescription |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 400 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Suitable for any type of riding, on or off-road. Fits any budget. Smooth-shifting with a comfortable ride. |
| Examples | |
| Comments | |

3.1.2.11.3.25 Attribute FrenchDescription

3.1.2.11.3.25.1 FrenchDescription properties

| PROPERTY | VALUE |
|----------------------|---|
| Business Name | FrenchDescription |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 400 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Adapté à tous les usages, sur route ou tout-terrain. Pour toutes les bourses. Changement de braquet en douceur et conduite confortable. |
| Examples | |
| Comments | |

3.1.2.11.3.26 Attribute ChineseDescription

3.1.2.11.3.26.1 ChineseDescription properties

| PROPERTY | VALUE |
|----------------------|--|
| Business Name | ChineseDescription |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 400 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 适合所有类型的使用，不论是公路骑乘还是越野。不论预算多少，均可称心如意。变速平稳，骑乘舒适。 |
| Examples | |
| Comments | |

3.1.2.11.3.27 Attribute ArabicDescription

3.1.2.11.3.27.1 ArabicDescription properties

| PROPERTY | VALUE |
|----------------------|--|
| Business Name | ArabicDescription |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 400 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | ملائمة لأي نوع من أنواع القيادة، سواءً على الطرق الممهدة أو غير الممهدة. وتناسب أية ميزانية. نقل سرعات سلس مع قيادة مرήكة. |
| Examples | |
| Comments | |

3.1.2.11.3.28 Attribute HebrewDescription

3.1.2.11.3.28.1 HebrewDescription properties

| PROPERTY | VALUE |
|----------------------|---|
| Business Name | HebrewDescription |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 400 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | מתאימים לכל סוג רכיבת, בדרכים סלולות ושבילים כאחת. מתאימים לכל תקציב. החלפת הילוקים חלקה יחד עם רכיבת נוכה. |
| Examples | |
| Comments | |

3.1.2.11.3.29 Attribute ThaiDescription

3.1.2.11.3.29.1 ThaiDescription properties

| PROPERTY | VALUE |
|----------------------|--|
| Business Name | ThaiDescription |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 400 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | เพมาะสำหรับการใช้ทกประเภท ทั้งบันถานและแบบออฟโอด ในราคาย่อเมย เปลี่ยนเกียร์อย่างนุ่ม นวล พร้อมการขับชี้ที่เสนอแนะ |
| Examples | |
| Comments | |

3.1.2.11.3.30 Attribute GermanDescription

3.1.2.11.3.30.1 GermanDescription properties

| PROPERTY | VALUE |
|----------------------|---|
| Business Name | GermanDescription |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 400 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Geeignet für Straße und Gelände. Für jedes Budget. Komfortable Gangschaltung. |
| Examples | |
| Comments | |

3.1.2.11.3.31 Attribute JapaneseDescription

3.1.2.11.3.31.1 JapaneseDescription properties

| PROPERTY | VALUE |
|----------------------|---|
| Business Name | JapaneseDescription |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 400 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | オンロードにもオフロードにも対応しながら、予算を選ばず、スムーズなシフトで快適な乗り心地です。 |
| Examples | |
| Comments | |

3.1.2.11.3.32 Attribute TurkishDescription

3.1.2.11.3.32.1 TurkishDescription properties

| PROPERTY | VALUE |
|----------------------|---|
| Business Name | TurkishDescription |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 400 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Yolda veya arazide her tür sürüşe uygundur. Her bütçeye uyar. Yumuşak vites geçisi ve konforlu sürüş. |
| Examples | |
| Comments | |

3.1.2.11.3.33 Attribute StartDate

3.1.2.11.3.33.1 StartDate properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | StartDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | timestamp_ntz |
| Synonymn | datetime |
| Precision | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 2003-07-01T00:00:00.000Z |
| Examples | |
| Comments | |

3.1.2.11.3.34 Attribute EndDate

3.1.2.11.3.34.1 EndDate properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | EndDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | timestamp_ntz |
| Synonymn | datetime |
| Precision | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 2003-06-30T00:00:00.000Z |
| Examples | |
| Comments | |

3.1.2.11.3.35 Attribute Status

3.1.2.11.3.35.1 Status properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Status |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 7 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Current |
| Examples | |
| Comments | |

3.1.2.11.4 DimProduct Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.11.5 DimProduct JSON Schema

```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "DimProduct",  
  "additionalProperties": false,  
  "properties": {  
    "ProductKey": {  
      "type": "number"  
    },  
    "ProductAlternateKey": {  
      "type": "string"  
    },  
    "ProductSubcategoryKey": {  
      "type": "number"  
    },  
    "WeightUnitMeasureCode": {  
      "type": "string"  
    },  
    "SizeUnitMeasureCode": {  
      "type": "string"  
    },  
    "EnglishProductName": {  
      "type": "string"  
    },  
    "SpanishProductName": {  
      "type": "string"  
    },  
    "FrenchProductName": {  
      "type": "string"  
    },  
    "StandardCost": {  
      "type": "number"  
    },  
    "FinishedGoodsFlag": {  
      "type": "number"  
    },  
    "Color": {  
      "type": "string"  
    },  
    "SafetyStockLevel": {  
      "type": "number"  
    },  
    "ReorderPoint": {  
      "type": "number"  
    },  
    "ListPrice": {  
      "type": "number"  
    },  
    "Size": {  
      "type": "string"  
    },  
    "SizeRange": {  
      "type": "string"  
    },  
    "Weight": {  
      "type": "number"  
    },  
    "DaysToManufacture": {  
      "type": "number"  
    },  
  }  
}
```

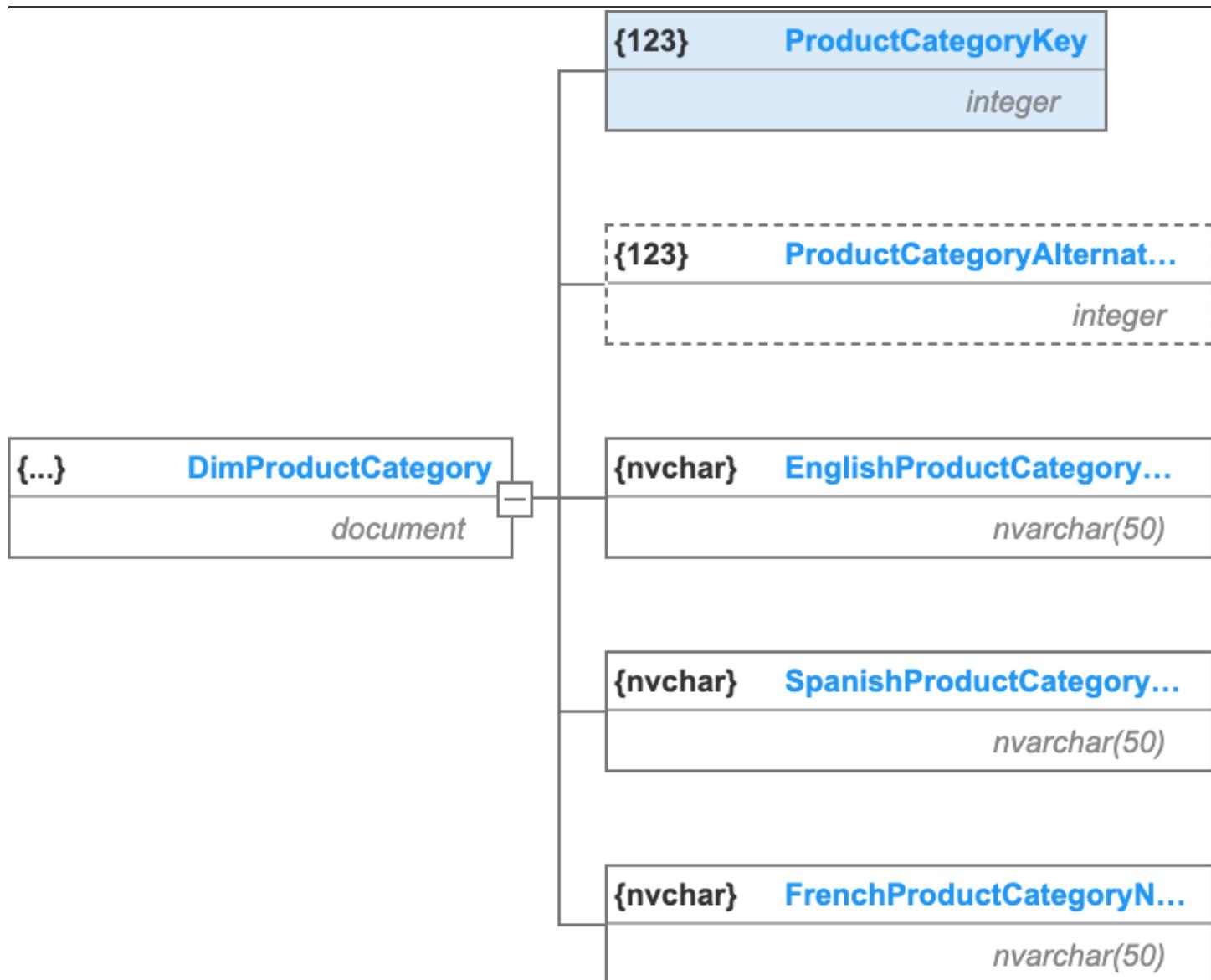
```
"ProductLine": {  
    "type": "string"  
},  
"DealerPrice": {  
    "type": "number"  
},  
"Class": {  
    "type": "string"  
},  
"Style": {  
    "type": "string"  
},  
"ModelName": {  
    "type": "string"  
},  
"EnglishDescription": {  
    "type": "string"  
},  
"FrenchDescription": {  
    "type": "string"  
},  
"ChineseDescription": {  
    "type": "string"  
},  
"ArabicDescription": {  
    "type": "string"  
},  
"HebrewDescription": {  
    "type": "string"  
},  
"ThaiDescription": {  
    "type": "string"  
},  
"GermanDescription": {  
    "type": "string"  
},  
"JapaneseDescription": {  
    "type": "string"  
},  
"TurkishDescription": {  
    "type": "string"  
},  
"StartDate": {  
    "type": "string"  
},  
"EndDate": {  
    "type": "string"  
},  
"Status": {  
    "type": "string"  
}  
},  
"required": [  
    "ProductKey",  
    "EnglishProductName",  
    "FinishedGoodsFlag",  
    "Color"  
]
```

3.1.2.11.6 DimProduct JSON data

```
{
  "ProductKey": 597,
  "ProductAlternateKey": "BK-M18B-42",
  "ProductSubcategoryKey": 1,
  "WeightUnitMeasureCode": "LB",
  "SizeUnitMeasureCode": "CM",
  "EnglishProductName": "Mountain-500 Black, 42",
  "SpanishProductName": "Montaña: 500, negra, 42",
  "FrenchProductName": "VTT 500 noir, 42",
  "StandardCost": 294.5797,
  "FinishedGoodsFlag": true,
  "Color": "Black",
  "SafetyStockLevel": 100,
  "ReorderPoint": 75,
  "ListPrice": 539.99,
  "Size": "42",
  "SizeRange": "42-46 CM",
  "Weight": 27.77,
  "DaysToManufacture": 4,
  "ProductLine": "M",
  "DealerPrice": 323.994,
  "Class": "L",
  "Style": "U",
  "modelName": "Mountain-500",
  "EnglishDescription": "Suitable for any type of riding, on or off-road. Fits any budget. Smooth-shifting with a comfortable ride.",
  "FrenchDescription": "Adapté à tous les usages, sur route ou tout-terrain. Pour toutes les bourses. Changement de braquet en douceur et conduite confortable.",
  "ChineseDescription": "适合所有类型的使用，不论是公路骑乘还是越野。不论预算多少，均可称心如意。变速平稳，骑乘舒适。",
  "ArabicDescription": ". ملائمة لأي نوع من أنواع القيادة، سواء على الطرق الممهدة أو غير الممهدة. وتناسب أية ميزانية. نقل سرعات سلس مع قيادة مريحة",
  "HebrewDescription": "מתאימים לכל סוג רכיבה, בדרכים סלולות ובשבילים כאחთ. המהירות הילוכים חילקה יחד עם רכיבה",
  "ThaiDescription": "เหมาะสมสำหรับการขี่ทุกประเภท ทั้งบนถนนและแบบออฟโรด ในราคารายอ่อนเยา เปลี่ยนเกียร์อย่างนุ่มนวล พร้อมการขับซึ่ง",
  "GermanDescription": "Geeignet für Straße und Gelände. Für jedes Budget. Komfortable Gangschaltung.",
  "JapaneseDescription": "オンロードにもオフロードにも対応しながら、予算を選ばず、スムーズなシフトで快適な乗り心地です。",
  "TurkishDescription": "Yolda veya arazide her tür sürüşe uygundur. Her bütçeye uyar. Yumuşak vites geçişleri ve konforlu sürüs.",
  "StartDate": "2003-07-01T00:00:00.000Z",
  "EndDate": "2003-06-30T00:00:00.000Z",
  "Status": "Current"
}
```

3.1.2.12 Entity DimProductCategory

3.1.2.12.1 DimProductCategory Tree Diagram



3.1.2.12.2 DimProductCategory Properties

| PROPERTY | VALUE |
|-----------------------|--------------------|
| Entity name | DimProductCategory |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.12.3 DimProductCategory Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------------------------|--------------|-------|-----|-------------|----------|
| ProductCategoryKey | int | true | pk | | |
| ProductCategoryAlternateKey | int | false | | | |
| EnglishProductCategoryName | nvarchar(50) | true | | | |
| SpanishProductCategoryName | nvarchar(50) | true | | | |
| FrenchProductCategoryName | nvarchar(50) | true | | | |

3.1.2.12.3.1 Attribute ProductCategoryKey

3.1.2.12.3.1.1 ProductCategoryKey properties

| PROPERTY | VALUE |
|-------------------|--------------------|
| Business Name | ProductCategoryKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.12.3.2 Attribute ProductCategoryAlternateKey

3.1.2.12.3.2.1 ProductCategoryAlternateKey properties

| PROPERTY | VALUE |
|-------------------|-----------------------------|
| Business Name | ProductCategoryAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.12.3.3 Attribute EnglishProductName

3.1.2.12.3.3.1 EnglishProductCategoryName properties

| PROPERTY | VALUE |
|----------------------|----------------------------|
| Business Name | EnglishProductCategoryName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Accessories |
| Examples | |
| Comments | |

3.1.2.12.3.4 Attribute SpanishProductCategoryName

3.1.2.12.3.4.1 SpanishProductName properties

| PROPERTY | VALUE |
|----------------------|--------------------|
| Business Name | SpanishProductName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Accesorio |
| Examples | |
| Comments | |

3.1.2.12.3.5 Attribute FrenchProductName

3.1.2.12.3.5.1 FrenchProductCategoryName properties

| PROPERTY | VALUE |
|----------------------|---------------------------|
| Business Name | FrenchProductCategoryName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Accessoire |
| Examples | |
| Comments | |

3.1.2.12.4 DimProductCategory Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.12.5 DimProductCategory JSON Schema

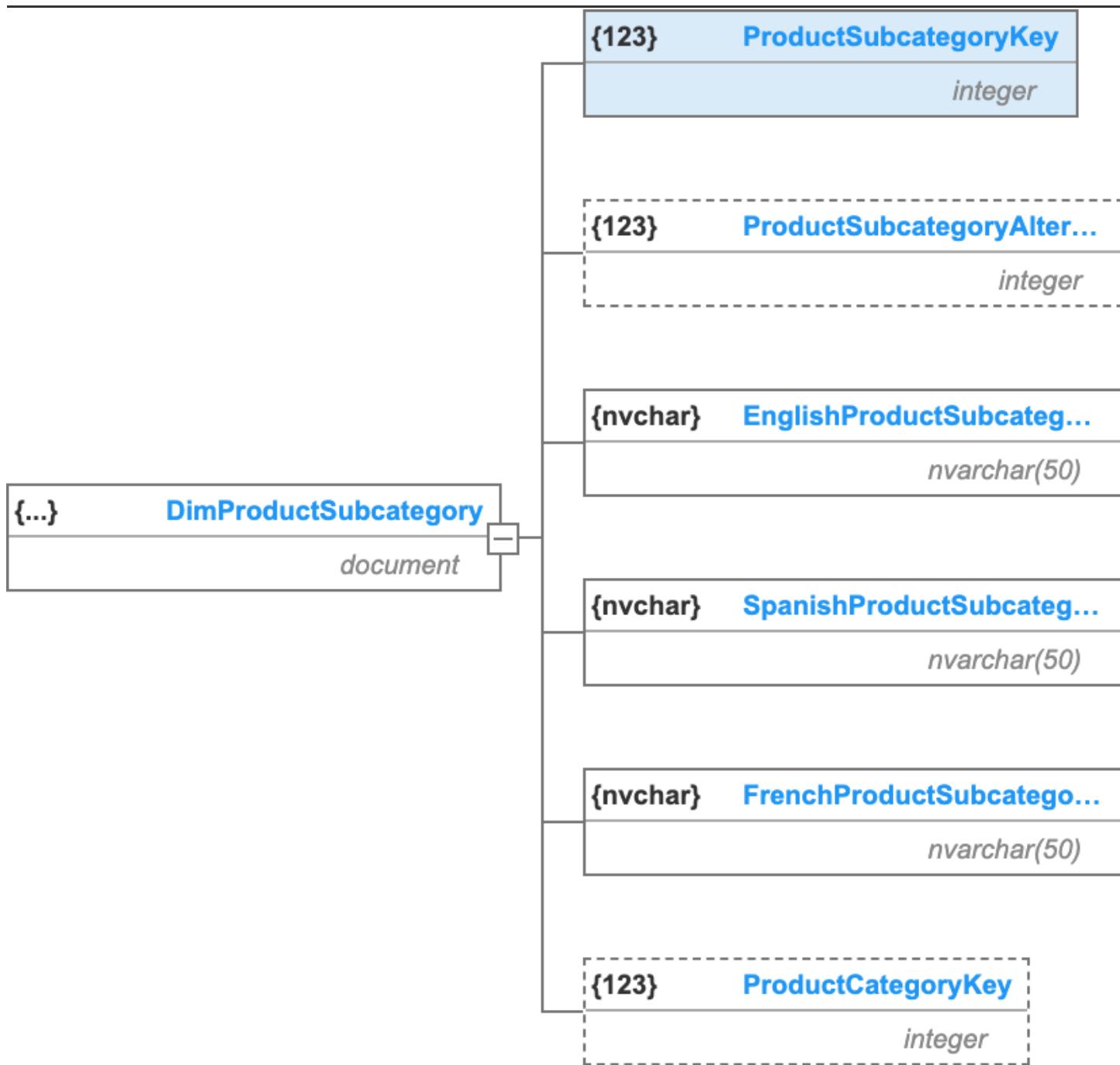
```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "DimProductCategory",
  "additionalProperties": false,
  "properties": {
    "ProductCategoryKey": {
      "type": "number"
    },
    "ProductCategoryAlternateKey": {
      "type": "number"
    },
    "EnglishProductCategoryName": {
      "type": "string"
    },
    "SpanishProductCategoryName": {
      "type": "string"
    },
    "FrenchProductCategoryName": {
      "type": "string"
    }
  },
  "required": [
    "ProductCategoryKey",
    "EnglishProductCategoryName",
    "SpanishProductCategoryName",
    "FrenchProductCategoryName"
  ]
}
```

3.1.2.12.6 DimProductCategory JSON data

```
{
  "ProductCategoryKey": 4,
  "ProductCategoryAlternateKey": 4,
  "EnglishProductCategoryName": "Accessories",
  "SpanishProductCategoryName": "Accesorio",
  "FrenchProductCategoryName": "Accessoire"
}
```

3.1.2.13 Entity DimProductSubcategory

3.1.2.13.1 DimProductSubcategory Tree Diagram



3.1.2.13.2 DimProductSubcategory Properties

| PROPERTY | VALUE |
|-----------------------|-----------------------|
| Entity name | DimProductSubcategory |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.13.3 DimProductSubcategory Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|--------------------------------|--------------|-------|-----|-------------|----------|
| ProductSubcategoryKey | int | true | pk | | |
| ProductSubcategoryAlternateKey | int | false | | | |
| EnglishProductSubcategoryName | nvarchar(50) | true | | | |
| SpanishProductSubcategoryName | nvarchar(50) | true | | | |
| FrenchProductSubcategoryName | nvarchar(50) | true | | | |
| ProductCategoryKey | int | false | | | |

3.1.2.13.3.1 Attribute ProductSubcategoryKey

3.1.2.13.3.1.1 ProductSubcategoryKey properties

| PROPERTY | VALUE |
|-------------------|-----------------------|
| Business Name | ProductSubcategoryKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 33 |
| Examples | |
| Comments | |

3.1.2.13.3.2 Attribute ProductSubcategoryAlternateKey

3.1.2.13.3.2.1 ProductSubcategoryAlternateKey properties

| PROPERTY | VALUE |
|-------------------|--------------------------------|
| Business Name | ProductSubcategoryAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 33 |
| Examples | |
| Comments | |

3.1.2.13.3.3 Attribute EnglishProductSubcategoryName

3.1.2.13.3.3.1 EnglishProductSubcategoryName properties

| PROPERTY | VALUE |
|----------------------|-------------------------------|
| Business Name | EnglishProductSubcategoryName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Lights |
| Examples | |
| Comments | |

3.1.2.13.3.4 Attribute SpanishProductSubcategoryName

3.1.2.13.3.4.1 SpanishProductSubcategoryName properties

| PROPERTY | VALUE |
|----------------------|-------------------------------|
| Business Name | SpanishProductSubcategoryName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Luz |
| Examples | |
| Comments | |

3.1.2.13.3.5 Attribute FrenchProductSubcategoryName

3.1.2.13.3.5.1 FrenchProductSubcategoryName properties

| PROPERTY | VALUE |
|----------------------|------------------------------|
| Business Name | FrenchProductSubcategoryName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Éclairage |
| Examples | |
| Comments | |

3.1.2.13.3.6 Attribute ProductCategoryKey

3.1.2.13.3.6.1 ProductCategoryKey properties

| PROPERTY | VALUE |
|-------------------|--------------------|
| Business Name | ProductCategoryKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.13.4 DimProductSubcategory Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.13.5 DimProductSubcategory JSON Schema

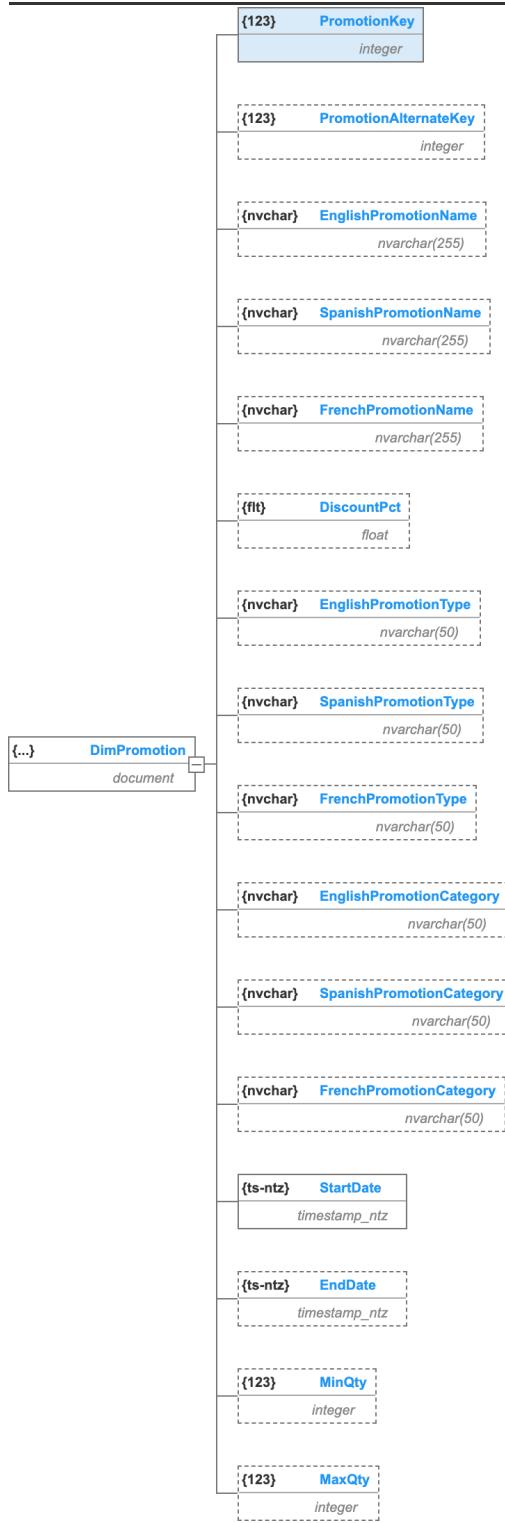
```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "DimProductSubcategory",
  "additionalProperties": false,
  "properties": {
    "ProductSubcategoryKey": {
      "type": "number"
    },
    "ProductSubcategoryAlternateKey": {
      "type": "number"
    },
    "EnglishProductSubcategoryName": {
      "type": "string"
    },
    "SpanishProductSubcategoryName": {
      "type": "string"
    },
    "FrenchProductSubcategoryName": {
      "type": "string"
    },
    "ProductCategoryKey": {
      "type": "number"
    }
  },
  "required": [
    "ProductSubcategoryKey",
    "EnglishProductSubcategoryName",
    "SpanishProductSubcategoryName",
    "FrenchProductSubcategoryName"
  ]
}
```

3.1.2.13.6 DimProductSubcategory JSON data

```
{
  "ProductSubcategoryKey": 33,
  "ProductSubcategoryAlternateKey": 33,
  "EnglishProductSubcategoryName": "Lights",
  "SpanishProductSubcategoryName": "Luz",
  "FrenchProductSubcategoryName": "Éclairage",
  "ProductCategoryKey": 4
}
```

3.1.2.14 Entity DimPromotion

3.1.2.14.1 DimPromotion Tree Diagram



3.1.2.14.2 DimPromotion Properties

| PROPERTY | VALUE |
|-----------------------|--------------|
| Entity name | DimPromotion |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.14.3 DimPromotion Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|--------------------------|---------------|-------|-----|-------------|----------|
| PromotionKey | int | true | pk | | |
| PromotionAlternateKey | int | false | | | |
| EnglishPromotionName | nvarchar(255) | false | | | |
| SpanishPromotionName | nvarchar(255) | false | | | |
| FrenchPromotionName | nvarchar(255) | false | | | |
| DiscountPct | float | false | | | |
| EnglishPromotionType | nvarchar(50) | false | | | |
| SpanishPromotionType | nvarchar(50) | false | | | |
| FrenchPromotionType | nvarchar(50) | false | | | |
| EnglishPromotionCategory | nvarchar(50) | false | | | |
| SpanishPromotionCategory | nvarchar(50) | false | | | |
| FrenchPromotionCategory | nvarchar(50) | false | | | |
| StartDate | datetime | true | | | |
| EndDate | datetime | false | | | |
| MinQty | int | false | | | |
| MaxQty | int | false | | | |

3.1.2.14.3.1 Attribute PromotionKey

3.1.2.14.3.1.1 PromotionKey properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | PromotionKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 16 |
| Examples | |
| Comments | |

3.1.2.14.3.2 Attribute PromotionAlternateKey

3.1.2.14.3.2.1 PromotionAlternateKey properties

| PROPERTY | VALUE |
|-------------------|-----------------------|
| Business Name | PromotionAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 16 |
| Examples | |
| Comments | |

3.1.2.14.3.3 Attribute EnglishPromotionName

3.1.2.14.3.3.1 EnglishPromotionName properties

| PROPERTY | VALUE |
|----------------------|------------------------------------|
| Business Name | EnglishPromotionName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 255 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Mountain-500 Silver Clearance Sale |
| Examples | |
| Comments | |

3.1.2.14.3.4 Attribute SpanishPromotionName

3.1.2.14.3.4.1 SpanishPromotionName properties

| PROPERTY | VALUE |
|----------------------|--|
| Business Name | SpanishPromotionName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 255 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Liquidación de bicicleta de montaña, 500, plateada |
| Examples | |
| Comments | |

3.1.2.14.3.5 Attribute FrenchPromotionName

3.1.2.14.3.5.1 FrenchPromotionName properties

| PROPERTY | VALUE |
|----------------------|----------------------------|
| Business Name | FrenchPromotionName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 255 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Liquidation VTT 500 argent |
| Examples | |
| Comments | |

3.1.2.14.3.6 Attribute DiscountPct

3.1.2.14.3.6.1 DiscountPct properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | DiscountPct |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | float |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 0.4 |
| Examples | |
| Comments | |

3.1.2.14.3.7 Attribute EnglishPromotionType

3.1.2.14.3.7.1 EnglishPromotionType properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | EnglishPromotionType |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Discontinued Product |
| Examples | |
| Comments | |

3.1.2.14.3.8 Attribute SpanishPromotionType

3.1.2.14.3.8.1 SpanishPromotionType properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | SpanishPromotionType |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Descatalogado |
| Examples | |
| Comments | |

3.1.2.14.3.9 Attribute FrenchPromotionType

3.1.2.14.3.9.1 FrenchPromotionType properties

| PROPERTY | VALUE |
|----------------------|-------------------------------------|
| Business Name | FrenchPromotionType |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Ce produit n'est plus commercialisé |
| Examples | |
| Comments | |

3.1.2.14.3.10 Attribute EnglishPromotionCategory

3.1.2.14.3.10.1 EnglishPromotionCategory properties

| PROPERTY | VALUE |
|----------------------|--------------------------|
| Business Name | EnglishPromotionCategory |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Reseller |
| Examples | |
| Comments | |

3.1.2.14.3.11 Attribute SpanishPromotionCategory

3.1.2.14.3.11.1 SpanishPromotionCategory properties

| PROPERTY | VALUE |
|----------------------|--------------------------|
| Business Name | SpanishPromotionCategory |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Distribuidor |
| Examples | |
| Comments | |

3.1.2.14.3.12 Attribute FrenchPromotionCategory

3.1.2.14.3.12.1 FrenchPromotionCategory properties

| PROPERTY | VALUE |
|----------------------|-------------------------|
| Business Name | FrenchPromotionCategory |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Revendeur |
| Examples | |
| Comments | |

3.1.2.14.3.13 Attribute StartDate

3.1.2.14.3.13.1 StartDate properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | StartDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | timestamp_ntz |
| Synonymn | datetime |
| Precision | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 2004-05-01T00:00:00.000Z |
| Examples | |
| Comments | |

3.1.2.14.3.14 Attribute EndDate

3.1.2.14.3.14.1 EndDate properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | EndDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | timestamp_ntz |
| Synonymn | datetime |
| Precision | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 2004-06-30T00:00:00.000Z |
| Examples | |
| Comments | |

3.1.2.14.3.15 Attribute MinQty

3.1.2.14.3.15.1 MinQty properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | MinQty |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 0 |
| Examples | |
| Comments | |

3.1.2.14.3.16 Attribute MaxQty

3.1.2.14.3.16.1 MaxQty properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | MaxQty |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 40 |
| Examples | |
| Comments | |

3.1.2.14.4 DimPromotion Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.14.5 DimPromotion JSON Schema

```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "DimPromotion",  
  "additionalProperties": false,  
  "properties": {  
    "PromotionKey": {  
      "type": "number"  
    },  
    "PromotionAlternateKey": {  
      "type": "number"  
    },  
    "EnglishPromotionName": {  
      "type": "string"  
    },  
    "SpanishPromotionName": {  
      "type": "string"  
    },  
    "FrenchPromotionName": {  
      "type": "string"  
    },  
    "DiscountPct": {  
      "type": "number"  
    },  
    "EnglishPromotionType": {  
      "type": "string"  
    },  
    "SpanishPromotionType": {  
      "type": "string"  
    },  
    "FrenchPromotionType": {  
      "type": "string"  
    },  
    "EnglishPromotionCategory": {  
      "type": "string"  
    },  
    "SpanishPromotionCategory": {  
      "type": "string"  
    },  
    "FrenchPromotionCategory": {  
      "type": "string"  
    },  
    "StartDate": {  
      "type": "string"  
    },  
    "EndDate": {  
      "type": "string"  
    },  
    "MinQty": {  
      "type": "number"  
    },  
    "MaxQty": {  
      "type": "number"  
    }  
  },  
  "required": [  
    "PromotionKey",  
    "StartDate"
```

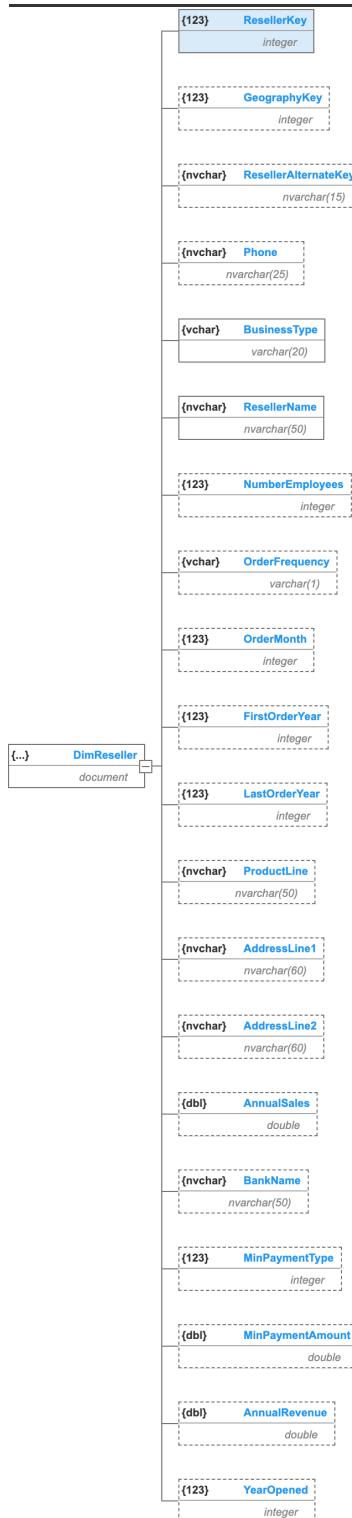
]
}

3.1.2.14.6 DimPromotion JSON data

```
{  
    "PromotionKey": 16,  
    "PromotionAlternateKey": 16,  
    "EnglishPromotionName": "Mountain-500 Silver Clearance Sale",  
    "SpanishPromotionName": "Liquidación de bicicleta de montaña, 500, plateada",  
    "FrenchPromotionName": "Liquidation VTT 500 argent",  
    "DiscountPct": 0.4,  
    "EnglishPromotionType": "Discontinued Product",  
    "SpanishPromotionType": "Descatalogado",  
    "FrenchPromotionType": "Ce produit n'est plus commercialisé",  
    "EnglishPromotionCategory": "Reseller",  
    "SpanishPromotionCategory": "Distribuidor",  
    "FrenchPromotionCategory": "Revendeur",  
    "StartDate": "2004-05-01T00:00:00.000Z",  
    "EndDate": "2004-06-30T00:00:00.000Z",  
    "MinQty": 0,  
    "MaxQty": 40  
}
```

3.1.2.15 Entity DimReseller

3.1.2.15.1 DimReseller Tree Diagram



3.1.2.15.2 DimReseller Properties

| PROPERTY | VALUE |
|-----------------------|-------------|
| Entity name | DimReseller |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.15.3 DimReseller Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------------|--------------|-------|-----|-------------|----------|
| ResellerKey | int | true | pk | | |
| GeographyKey | int | false | | | |
| ResellerAlternateKey | nvarchar(15) | false | | | |
| Phone | nvarchar(25) | false | | | |
| BusinessType | varchar(20) | true | | | |
| ResellerName | nvarchar(50) | true | | | |
| NumberEmployees | int | false | | | |
| OrderFrequency | char(1) | false | | | |
| OrderMonth | tinyint | false | | | |
| FirstOrderYear | int | false | | | |
| LastOrderYear | int | false | | | |
| ProductLine | nvarchar(50) | false | | | |
| AddressLine1 | nvarchar(60) | false | | | |
| AddressLine2 | nvarchar(60) | false | | | |
| AnnualSales | double | false | | | |
| BankName | nvarchar(50) | false | | | |
| MinPaymentType | tinyint | false | | | |
| MinPaymentAmount | double | false | | | |
| AnnualRevenue | double | false | | | |
| YearOpened | int | false | | | |

3.1.2.15.3.1 Attribute ResellerKey

3.1.2.15.3.1.1 ResellerKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | ResellerKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 687 |
| Examples | |
| Comments | |

3.1.2.15.3.2 Attribute GeographyKey

3.1.2.15.3.2.1 GeographyKey properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | GeographyKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 159 |
| Examples | |
| Comments | |

3.1.2.15.3.3 Attribute ResellerAlternateKey

3.1.2.15.3.3.1 ResellerAlternateKey properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | ResellerAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 15 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | AW00000687 |
| Examples | |
| Comments | |

3.1.2.15.3.4 Attribute Phone

3.1.2.15.3.4.1 Phone properties

| PROPERTY | VALUE |
|----------------------|---------------------|
| Business Name | Phone |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 25 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 1 (11) 500 555-0178 |
| Examples | |
| Comments | |

3.1.2.15.3.5 Attribute BusinessType

3.1.2.15.3.5.1 BusinessType properties

| PROPERTY | VALUE |
|----------------------|--------------|
| Business Name | BusinessType |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | |
| Number of characters | 20 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Warehouse |
| Examples | |
| Comments | |

3.1.2.15.3.6 Attribute ResellerName

3.1.2.15.3.6.1 ResellerName properties

| PROPERTY | VALUE |
|----------------------|------------------------|
| Business Name | ResellerName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Functional Store South |
| Examples | |
| Comments | |

3.1.2.15.3.7 Attribute NumberEmployees

3.1.2.15.3.7.1 NumberEmployees properties

| PROPERTY | VALUE |
|-------------------|-----------------|
| Business Name | NumberEmployees |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 70 |
| Examples | |
| Comments | |

3.1.2.15.3.8 Attribute OrderFrequency

3.1.2.15.3.8.1 OrderFrequency properties

| PROPERTY | VALUE |
|----------------------|----------------|
| Business Name | OrderFrequency |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | char |
| Number of characters | 1 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Q |
| Examples | |
| Comments | |

3.1.2.15.3.9 Attribute OrderMonth

3.1.2.15.3.9.1 OrderMonth properties

| PROPERTY | VALUE |
|-------------------|------------|
| Business Name | OrderMonth |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 5 |
| Examples | |
| Comments | |

3.1.2.15.3.10 Attribute FirstOrderYear

3.1.2.15.3.10.1 FirstOrderYear properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | FirstOrderYear |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2003 |
| Examples | |
| Comments | |

3.1.2.15.3.11 Attribute LastOrderYear

3.1.2.15.3.11.1 LastOrderYear properties

| PROPERTY | VALUE |
|-------------------|---------------|
| Business Name | LastOrderYear |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2004 |
| Examples | |
| Comments | |

3.1.2.15.3.12 Attribute ProductLine

3.1.2.15.3.12.1 ProductLine properties

| PROPERTY | VALUE |
|----------------------|-------------|
| Business Name | ProductLine |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Mountain |
| Examples | |
| Comments | |

3.1.2.15.3.13 Attribute AddressLine1

3.1.2.15.3.13.1 AddressLine1 properties

| PROPERTY | VALUE |
|----------------------|--------------------------|
| Business Name | AddressLine1 |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 60 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Viktoria-Luise-Platz 475 |
| Examples | |
| Comments | |

3.1.2.15.3.14 Attribute AddressLine2

3.1.2.15.3.14.1 AddressLine2 properties

| PROPERTY | VALUE |
|----------------------|----------------|
| Business Name | AddressLine2 |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 60 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 56 Pitt Street |
| Examples | |
| Comments | |

3.1.2.15.3.15 Attribute AnnualSales

3.1.2.15.3.15.1 AnnualSales properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | AnnualSales |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 3000000 |
| Examples | |
| Comments | |

3.1.2.15.3.16 Attribute BankName

3.1.2.15.3.16.1 BankName properties

| PROPERTY | VALUE |
|----------------------|--------------------|
| Business Name | BankName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | International Bank |
| Examples | |
| Comments | |

3.1.2.15.3.17 Attribute MinPaymentType

3.1.2.15.3.17.1 MinPaymentType properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | MinPaymentType |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.15.3.18 Attribute MinPaymentAmount

3.1.2.15.3.18.1 MinPaymentAmount properties

| PROPERTY | VALUE |
|-------------------|------------------|
| Business Name | MinPaymentAmount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 600 |
| Examples | |
| Comments | |

3.1.2.15.3.19 Attribute AnnualRevenue

3.1.2.15.3.19.1 AnnualRevenue properties

| PROPERTY | VALUE |
|-------------------|---------------|
| Business Name | AnnualRevenue |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 300000 |
| Examples | |
| Comments | |

3.1.2.15.3.20 Attribute YearOpened

3.1.2.15.3.20.1 YearOpened properties

| PROPERTY | VALUE |
|-------------------|------------|
| Business Name | YearOpened |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1993 |
| Examples | |
| Comments | |

3.1.2.15.4 DimReseller Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.15.5 DimReseller JSON Schema

```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "DimReseller",  
  "additionalProperties": false,  
  "properties": {  
    "ResellerKey": {  
      "type": "number"  
    },  
    "GeographyKey": {  
      "type": "number"  
    },  
    "ResellerAlternateKey": {  
      "type": "string"  
    },  
    "Phone": {  
      "type": "string"  
    },  
    "BusinessType": {  
      "type": "string"  
    },  
    "ResellerName": {  
      "type": "string"  
    },  
    "NumberEmployees": {  
      "type": "number"  
    },  
    "OrderFrequency": {  
      "type": "string"  
    },  
    "OrderMonth": {  
      "type": "number"  
    },  
    "FirstOrderYear": {  
      "type": "number"  
    },  
    "LastOrderYear": {  
      "type": "number"  
    },  
    "ProductLine": {  
      "type": "string"  
    },  
    "AddressLine1": {  
      "type": "string"  
    },  
    "AddressLine2": {  
      "type": "string"  
    },  
    "AnnualSales": {  
      "type": "number"  
    },  
    "BankName": {  
      "type": "string"  
    },  
    "MinPaymentType": {  
      "type": "number"  
    },  
    "MinPaymentAmount": {  
      "type": "number"  
    }  
  }  
}
```

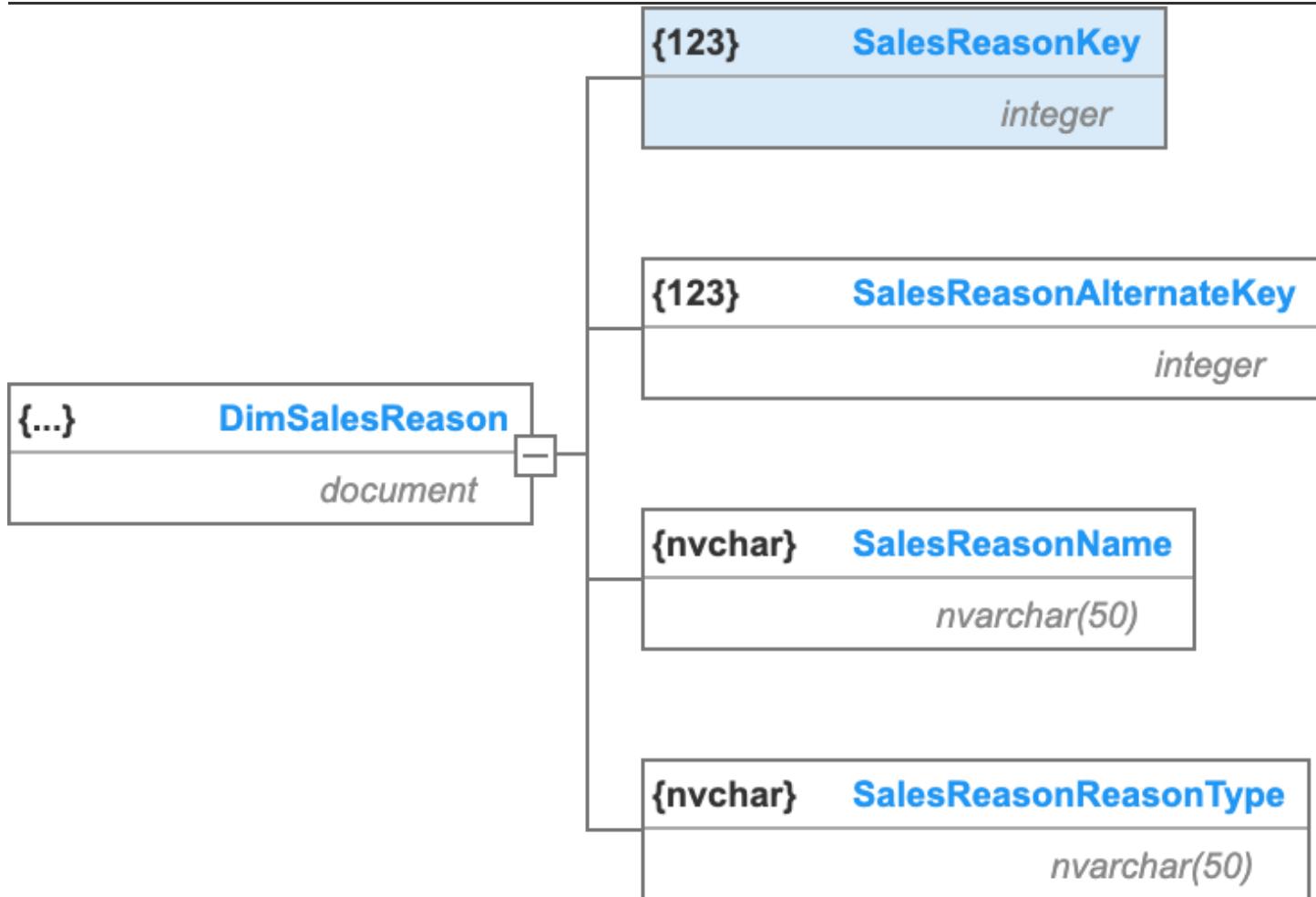
```
"AnnualRevenue": {  
    "type": "number"  
},  
"YearOpened": {  
    "type": "number"  
}  
},  
"required": [  
    "ResellerKey",  
    "BusinessType",  
    "ResellerName"  
]  
}
```

3.1.2.15.6 DimReseller JSON data

```
{  
    "ResellerKey": 687,  
    "GeographyKey": 159,  
    "ResellerAlternateKey": "AW00000687",  
    "Phone": "1 (11) 500 555-0178",  
    "BusinessType": "Warehouse",  
    "ResellerName": "Functional Store South",  
    "NumberEmployees": 70,  
    "OrderFrequency": "Q",  
    "OrderMonth": 5,  
    "FirstOrderYear": 2003,  
    "LastOrderYear": 2004,  
    "ProductLine": "Mountain",  
    "AddressLine1": "Viktoria-Luise-Platz 475",  
    "AddressLine2": "56 Pitt Street",  
    "AnnualSales": 3000000,  
    "BankName": "International Bank",  
    "MinPaymentType": 1,  
    "MinPaymentAmount": 600,  
    "AnnualRevenue": 300000,  
    "YearOpened": 1993  
}
```

3.1.2.16 Entity DimSalesReason

3.1.2.16.1 DimSalesReason Tree Diagram



3.1.2.16.2 DimSalesReason Properties

| PROPERTY | VALUE |
|-----------------------|----------------|
| Entity name | DimSalesReason |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.16.3 DimSalesReason Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-------------------------|--------------|------|-----|-------------|----------|
| SalesReasonKey | int | true | pk | | |
| SalesReasonAlternateKey | int | true | | | |
| SalesReasonName | nvarchar(50) | true | | | |
| SalesReasonReasonType | nvarchar(50) | true | | | |

3.1.2.16.3.1 Attribute SalesReasonKey

3.1.2.16.3.1.1 SalesReasonKey properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | SalesReasonKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.16.3.2 Attribute SalesReasonAlternateKey

3.1.2.16.3.2.1 SalesReasonAlternateKey properties

| PROPERTY | VALUE |
|-------------------|-------------------------|
| Business Name | SalesReasonAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.16.3.3 Attribute SalesReasonName

3.1.2.16.3.3.1 SalesReasonName properties

| PROPERTY | VALUE |
|----------------------|--------------------------|
| Business Name | SalesReasonName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Television Advertisement |
| Examples | |
| Comments | |

3.1.2.16.3.4 Attribute SalesReasonReasonType

3.1.2.16.3.4.1 SalesReasonReasonType properties

| PROPERTY | VALUE |
|----------------------|-----------------------|
| Business Name | SalesReasonReasonType |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Marketing |
| Examples | |
| Comments | |

3.1.2.16.4 DimSalesReason Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.16.5 DimSalesReason JSON Schema

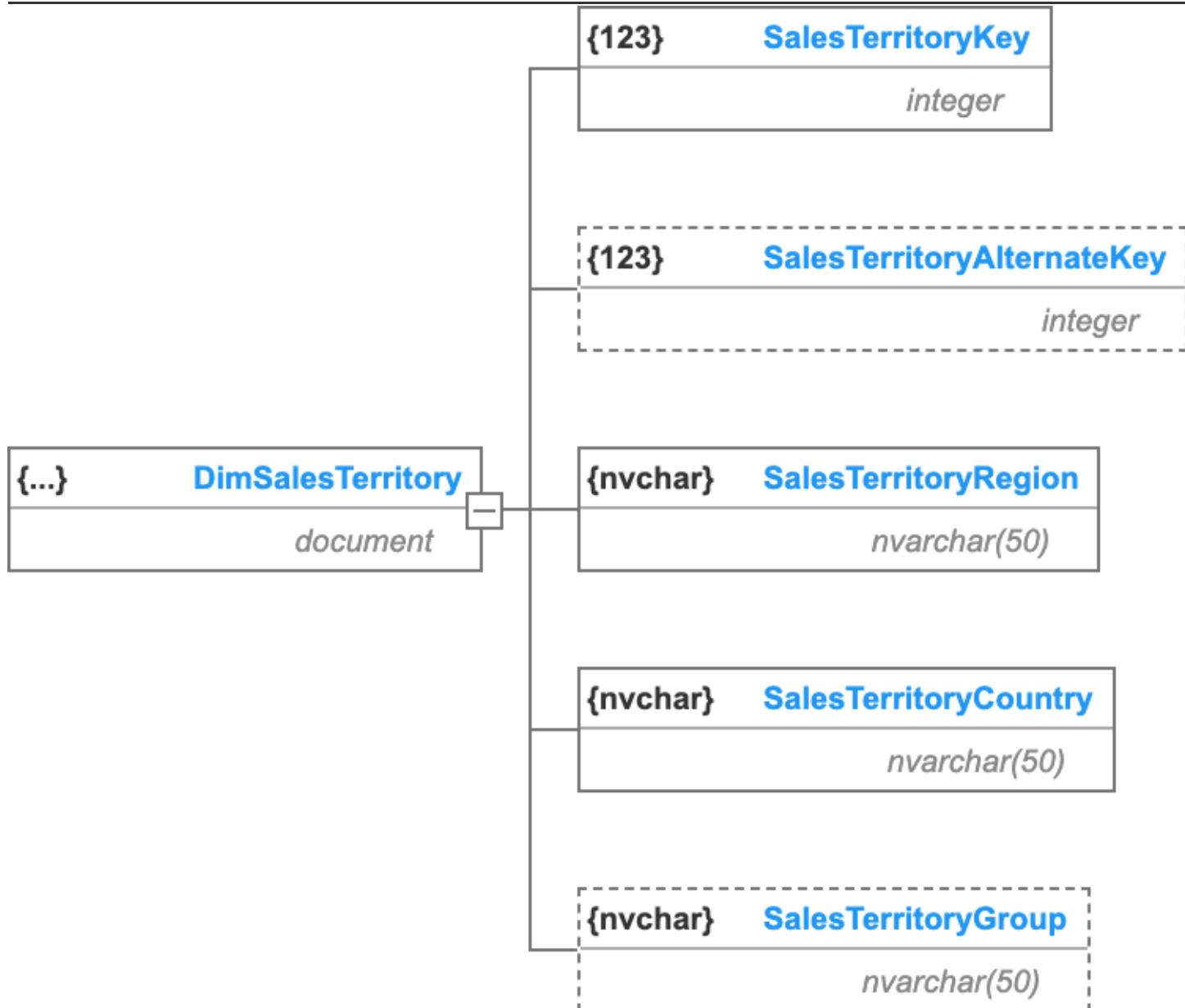
```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "DimSalesReason",  
  "additionalProperties": false,  
  "properties": {  
    "SalesReasonKey": {  
      "type": "number"  
    },  
    "SalesReasonAlternateKey": {  
      "type": "number"  
    },  
    "SalesReasonName": {  
      "type": "string"  
    },  
    "SalesReasonReasonType": {  
      "type": "string"  
    }  
  },  
  "required": [  
    "SalesReasonKey",  
    "SalesReasonAlternateKey",  
    "SalesReasonName",  
    "SalesReasonReasonType"  
  ]  
}
```

3.1.2.16.6 DimSalesReason JSON data

```
{  
  "SalesReasonKey": 4,  
  "SalesReasonAlternateKey": 4,  
  "SalesReasonName": "Television Advertisement",  
  "SalesReasonReasonType": "Marketing"  
}
```

3.1.2.17 Entity DimSalesTerritory

3.1.2.17.1 DimSalesTerritory Tree Diagram



3.1.2.17.2 DimSalesTerritory Properties

| PROPERTY | VALUE |
|-----------------------|-------------------|
| Entity name | DimSalesTerritory |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.17.3 DimSalesTerritory Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------------------|--------------|-------|-----|-------------|----------|
| SalesTerritoryKey | int | true | | | |
| SalesTerritoryAlternateKey | int | false | | | |
| SalesTerritoryRegion | nvarchar(50) | true | | | |
| SalesTerritoryCountry | nvarchar(50) | true | | | |
| SalesTerritoryGroup | nvarchar(50) | false | | | |

3.1.2.17.3.1 Attribute SalesTerritoryKey

3.1.2.17.3.1.1 SalesTerritoryKey properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | SalesTerritoryKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.17.3.2 Attribute SalesTerritoryAlternateKey

3.1.2.17.3.2.1 SalesTerritoryAlternateKey properties

| PROPERTY | VALUE |
|-------------------|----------------------------|
| Business Name | SalesTerritoryAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.17.3.3 Attribute SalesTerritoryRegion

3.1.2.17.3.3.1 SalesTerritoryRegion properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | SalesTerritoryRegion |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Southwest |
| Examples | |
| Comments | |

3.1.2.17.3.4 Attribute SalesTerritoryCountry

3.1.2.17.3.4.1 SalesTerritoryCountry properties

| PROPERTY | VALUE |
|----------------------|-----------------------|
| Business Name | SalesTerritoryCountry |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | United States |
| Examples | |
| Comments | |

3.1.2.17.3.5 Attribute SalesTerritoryGroup

3.1.2.17.3.5.1 SalesTerritoryGroup properties

| PROPERTY | VALUE |
|----------------------|---------------------|
| Business Name | SalesTerritoryGroup |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | North America |
| Examples | |
| Comments | |

3.1.2.17.4 DimSalesTerritory Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.17.5 DimSalesTerritory JSON Schema

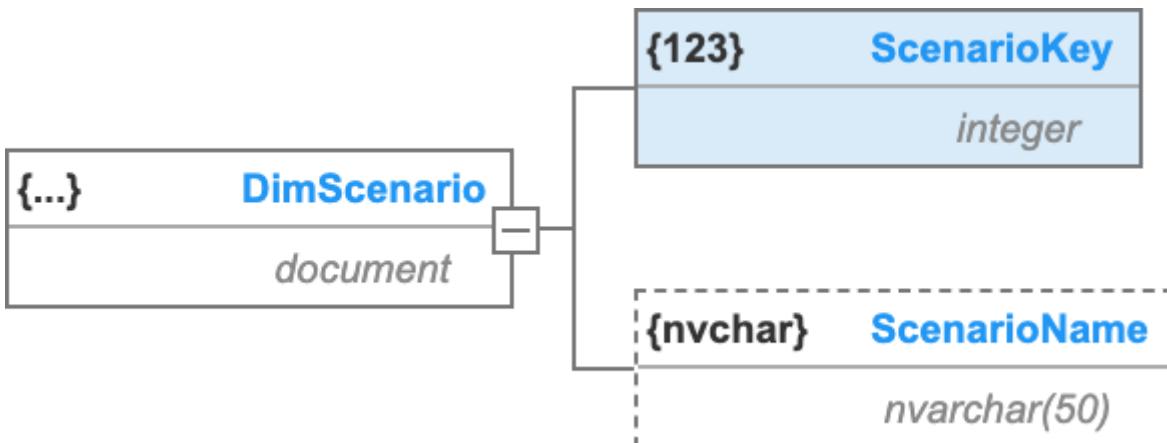
```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "DimSalesTerritory",
  "additionalProperties": false,
  "properties": {
    "SalesTerritoryKey": {
      "type": "number"
    },
    "SalesTerritoryAlternateKey": {
      "type": "number"
    },
    "SalesTerritoryRegion": {
      "type": "string"
    },
    "SalesTerritoryCountry": {
      "type": "string"
    },
    "SalesTerritoryGroup": {
      "type": "string"
    }
  },
  "required": [
    "SalesTerritoryKey",
    "SalesTerritoryRegion",
    "SalesTerritoryCountry"
  ]
}
```

3.1.2.17.6 DimSalesTerritory JSON data

```
{
  "SalesTerritoryKey": 4,
  "SalesTerritoryAlternateKey": 4,
  "SalesTerritoryRegion": "Southwest",
  "SalesTerritoryCountry": "United States",
  "SalesTerritoryGroup": "North America"
}
```

3.1.2.18 Entity DimScenario

3.1.2.18.1 DimScenario Tree Diagram



3.1.2.18.2 DimScenario Properties

| PROPERTY | VALUE |
|-----------------------|-------------|
| Entity name | DimScenario |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.18.3 DimScenario Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|--------------|--------------|-------|--------|-------------|----------|
| ScenarioKey | int | true | pk, dk | | |
| ScenarioName | nvarchar(50) | false | | | |

3.1.2.18.3.1 Attribute ScenarioKey

3.1.2.18.3.1.1 ScenarioKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | ScenarioKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 3 |
| Examples | |
| Comments | |

3.1.2.18.3.2 Attribute ScenarioName

3.1.2.18.3.2.1 ScenarioName properties

| PROPERTY | VALUE |
|----------------------|--------------|
| Business Name | ScenarioName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Forecast |
| Examples | |
| Comments | |

3.1.2.18.4 DimScenario Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.18.5 DimScenario JSON Schema

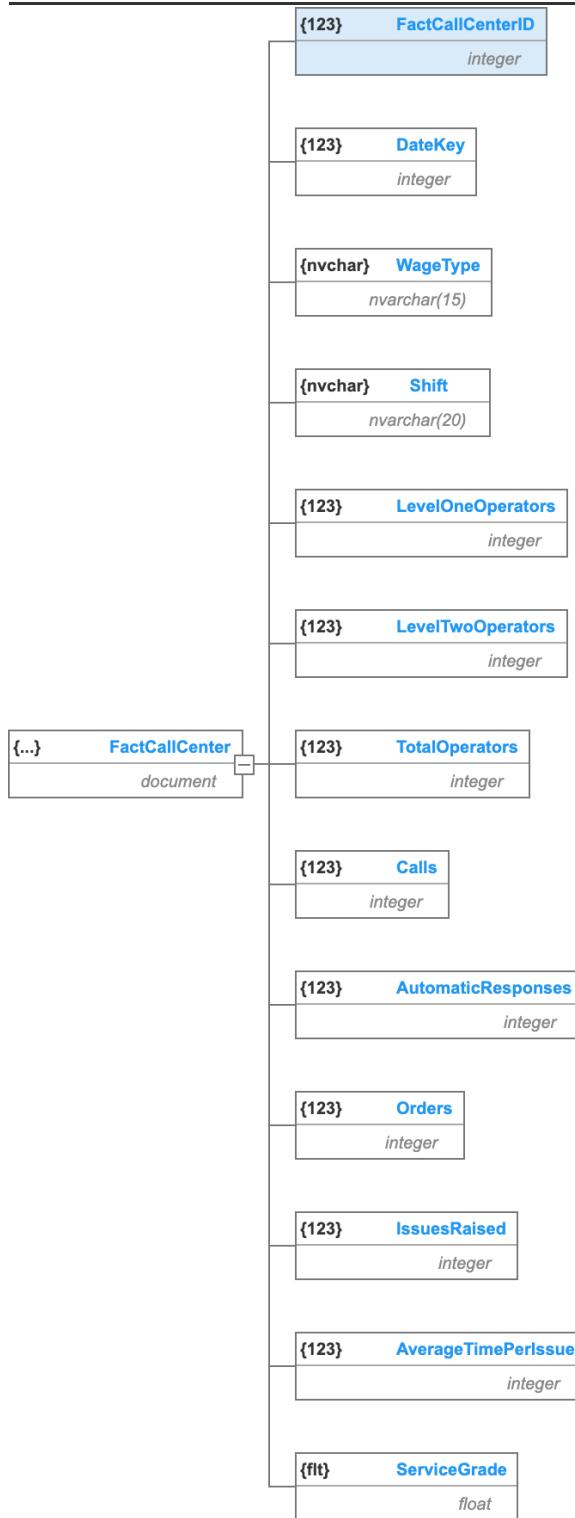
```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "DimScenario",  
  "additionalProperties": false,  
  "properties": {  
    "ScenarioKey": {  
      "type": "number"  
    },  
    "ScenarioName": {  
      "type": "string"  
    }  
  },  
  "required": [  
    "ScenarioKey"  
  ]  
}
```

3.1.2.18.6 DimScenario JSON data

```
{  
  "ScenarioKey": 3,  
  "ScenarioName": "Forecast"  
}
```

3.1.2.19 Entity FactCallCenter

3.1.2.19.1 FactCallCenter Tree Diagram



3.1.2.19.2 FactCallCenter Properties

| PROPERTY | VALUE |
|-----------------------|----------------|
| Entity name | FactCallCenter |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.19.3 FactCallCenter Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---------------------|--------------|------|-----|-------------|----------|
| FactCallCenterID | int | true | pk | | |
| DateKey | int | true | fk | | |
| WageType | nvarchar(15) | true | | | |
| Shift | nvarchar(20) | true | | | |
| LevelOneOperators | smallint | true | | | |
| LevelTwoOperators | smallint | true | | | |
| TotalOperators | smallint | true | | | |
| Calls | int | true | | | |
| AutomaticResponses | int | true | | | |
| Orders | int | true | | | |
| IssuesRaised | smallint | true | | | |
| AverageTimePerIssue | smallint | true | | | |
| ServiceGrade | float | true | | | |

3.1.2.19.3.1 Attribute FactCallCenterID

3.1.2.19.3.1.1 FactCallCenterID properties

| PROPERTY | VALUE |
|-------------------|------------------|
| Business Name | FactCallCenterID |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 101 |
| Examples | |
| Comments | |

3.1.2.19.3.2 Attribute DateKey

3.1.2.19.3.2.1 DateKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | DateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | DimDate |
| Foreign field | DateKey |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 20061126 |
| Examples | |
| Comments | |

3.1.2.19.3.3 Attribute WageType

3.1.2.19.3.3.1 WageType properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | WageType |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 15 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | holiday |
| Examples | |
| Comments | |

3.1.2.19.3.4 Attribute Shift

3.1.2.19.3.4.1 Shift properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Shift |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 20 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | AM |
| Examples | |
| Comments | |

3.1.2.19.3.5 Attribute LevelOneOperators

3.1.2.19.3.5.1 LevelOneOperators properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | LevelOneOperators |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2 |
| Examples | |
| Comments | |

3.1.2.19.3.6 Attribute LevelTwoOperators

3.1.2.19.3.6.1 LevelTwoOperators properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | LevelTwoOperators |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 8 |
| Examples | |
| Comments | |

3.1.2.19.3.7 Attribute TotalOperators

3.1.2.19.3.7.1 TotalOperators properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | TotalOperators |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 10 |
| Examples | |
| Comments | |

3.1.2.19.3.8 Attribute Calls

3.1.2.19.3.8.1 Calls properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | Calls |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 278 |
| Examples | |
| Comments | |

3.1.2.19.3.9 Attribute AutomaticResponses

3.1.2.19.3.9.1 AutomaticResponses properties

| PROPERTY | VALUE |
|-------------------|--------------------|
| Business Name | AutomaticResponses |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 180 |
| Examples | |
| Comments | |

3.1.2.19.3.10 Attribute Orders

3.1.2.19.3.10.1 Orders properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | Orders |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 194 |
| Examples | |
| Comments | |

3.1.2.19.3.11 Attribute IssuesRaised

3.1.2.19.3.11.1 IssuesRaised properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | IssuesRaised |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2 |
| Examples | |
| Comments | |

3.1.2.19.3.12 Attribute AverageTimePerIssue

3.1.2.19.3.12.1 AverageTimePerIssue properties

| PROPERTY | VALUE |
|-------------------|---------------------|
| Business Name | AverageTimePerIssue |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 62 |
| Examples | |
| Comments | |

3.1.2.19.3.13 Attribute ServiceGrade

3.1.2.19.3.13.1 ServiceGrade properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | ServiceGrade |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | float |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 0.07 |
| Examples | |
| Comments | |

3.1.2.19.4 FactCallCenter Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.19.5 FactCallCenter JSON Schema

```
{  
    "$schema": "http://json-schema.org/draft-04/schema#",  
    "type": "object",  
    "title": "FactCallCenter",  
    "additionalProperties": false,  
    "properties": {  
        "FactCallCenterID": {  
            "type": "number"  
        },  
        "DateKey": {  
            "type": "number"  
        },  
        "WageType": {  
            "type": "string"  
        },  
        "Shift": {  
            "type": "string"  
        },  
        "LevelOneOperators": {  
            "type": "number"  
        },  
        "LevelTwoOperators": {  
            "type": "number"  
        },  
        "TotalOperators": {  
            "type": "number"  
        },  
        "Calls": {  
            "type": "number"  
        },  
        "AutomaticResponses": {  
            "type": "number"  
        },  
        "Orders": {  
            "type": "number"  
        },  
        "IssuesRaised": {  
            "type": "number"  
        },  
        "AverageTimePerIssue": {  
            "type": "number"  
        },  
        "ServiceGrade": {  
            "type": "number"  
        }  
    },  
    "required": [  
        "FactCallCenterID",  
        "DateKey",  
        "WageType",  
        "Shift",  
        "LevelOneOperators",  
        "LevelTwoOperators",  
        "TotalOperators",  
        "Calls",  
        "AutomaticResponses",  
        "Orders",  
        "IssuesRaised",  
        "AverageTimePerIssue",  
        "ServiceGrade"  
    ]  
}
```

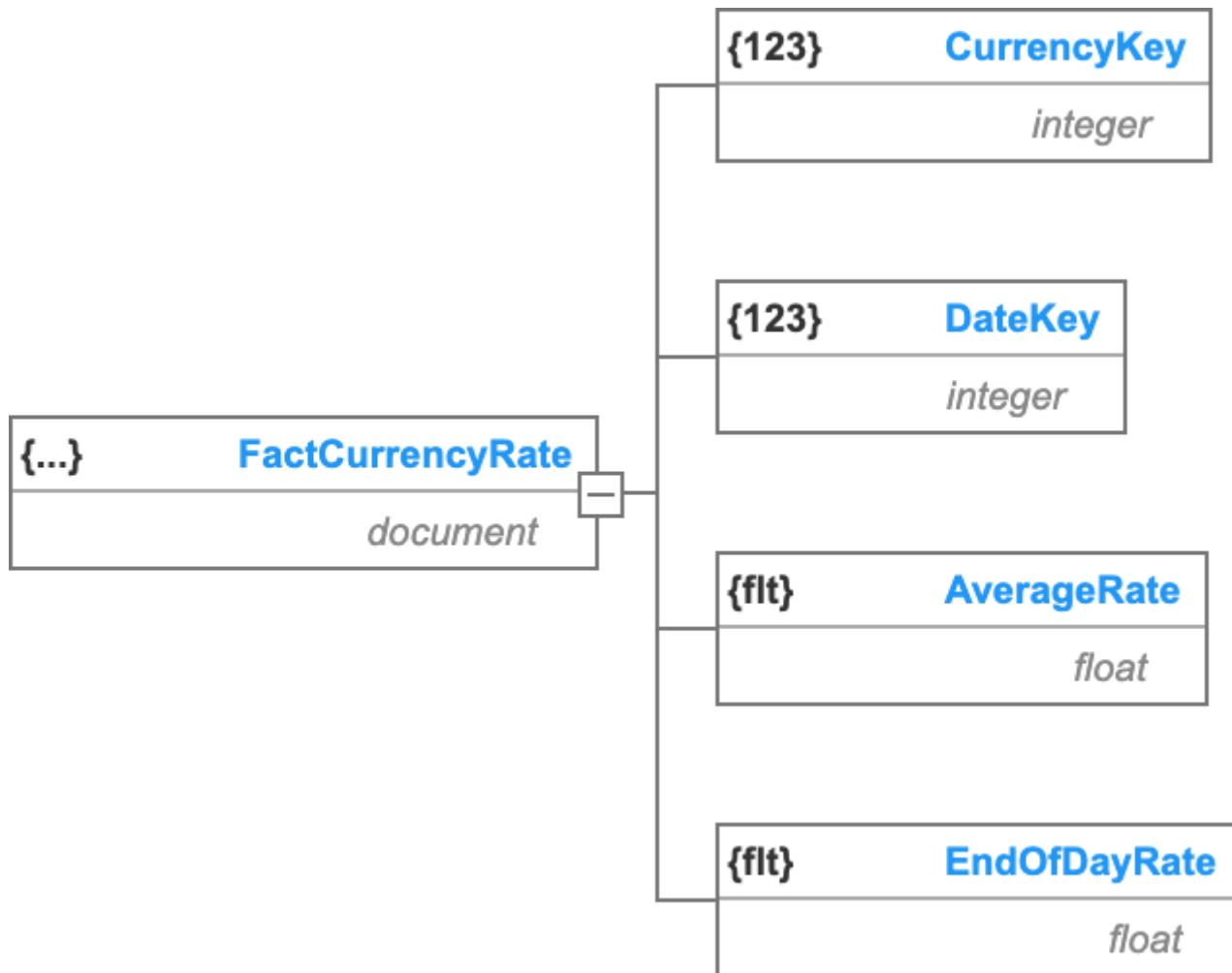
```
]
}
```

3.1.2.19.6 FactCallCenter JSON data

```
{
  "FactCallCenterID": 101,
  "DateKey": 20061126,
  "WageType": "holiday",
  "Shift": "AM",
  "LevelOneOperators": 2,
  "LevelTwoOperators": 8,
  "TotalOperators": 10,
  "Calls": 278,
  "AutomaticResponses": 180,
  "Orders": 194,
  "IssuesRaised": 2,
  "AverageTimePerIssue": 62,
  "ServiceGrade": 0.07
}
```

3.1.2.20 Entity FactCurrencyRate

3.1.2.20.1 FactCurrencyRate Tree Diagram



3.1.2.20.2 FactCurrencyRate Properties

| PROPERTY | VALUE |
|-----------------------|------------------|
| Entity name | FactCurrencyRate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.20.3 FactCurrencyRate Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|--------------|-------|------|-----|-------------|----------|
| CurrencyKey | int | true | fk | | |
| DateKey | int | true | fk | | |
| AverageRate | float | true | | | |
| EndOfDayRate | float | true | | | |

3.1.2.20.3.1 Attribute CurrencyKey

3.1.2.20.3.1.1 CurrencyKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | CurrencyKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | DimCurrency |
| Foreign field | CurrencyKey |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 103 |
| Examples | |
| Comments | |

3.1.2.20.3.2 Attribute DateKey

3.1.2.20.3.2.1 DateKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | DateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | DimDate |
| Foreign field | DateKey |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 20010922 |
| Examples | |
| Comments | |

3.1.2.20.3.3 Attribute AverageRate

3.1.2.20.3.3.1 AverageRate properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | AverageRate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | float |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 0.120778781583651 |
| Examples | |
| Comments | |

3.1.2.20.3.4 Attribute EndOfDayRate

3.1.2.20.3.4.1 EndOfDayRate properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | EndOfDayRate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | float |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 0.120786075781184 |
| Examples | |
| Comments | |

3.1.2.20.4 FactCurrencyRate Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.20.5 FactCurrencyRate JSON Schema

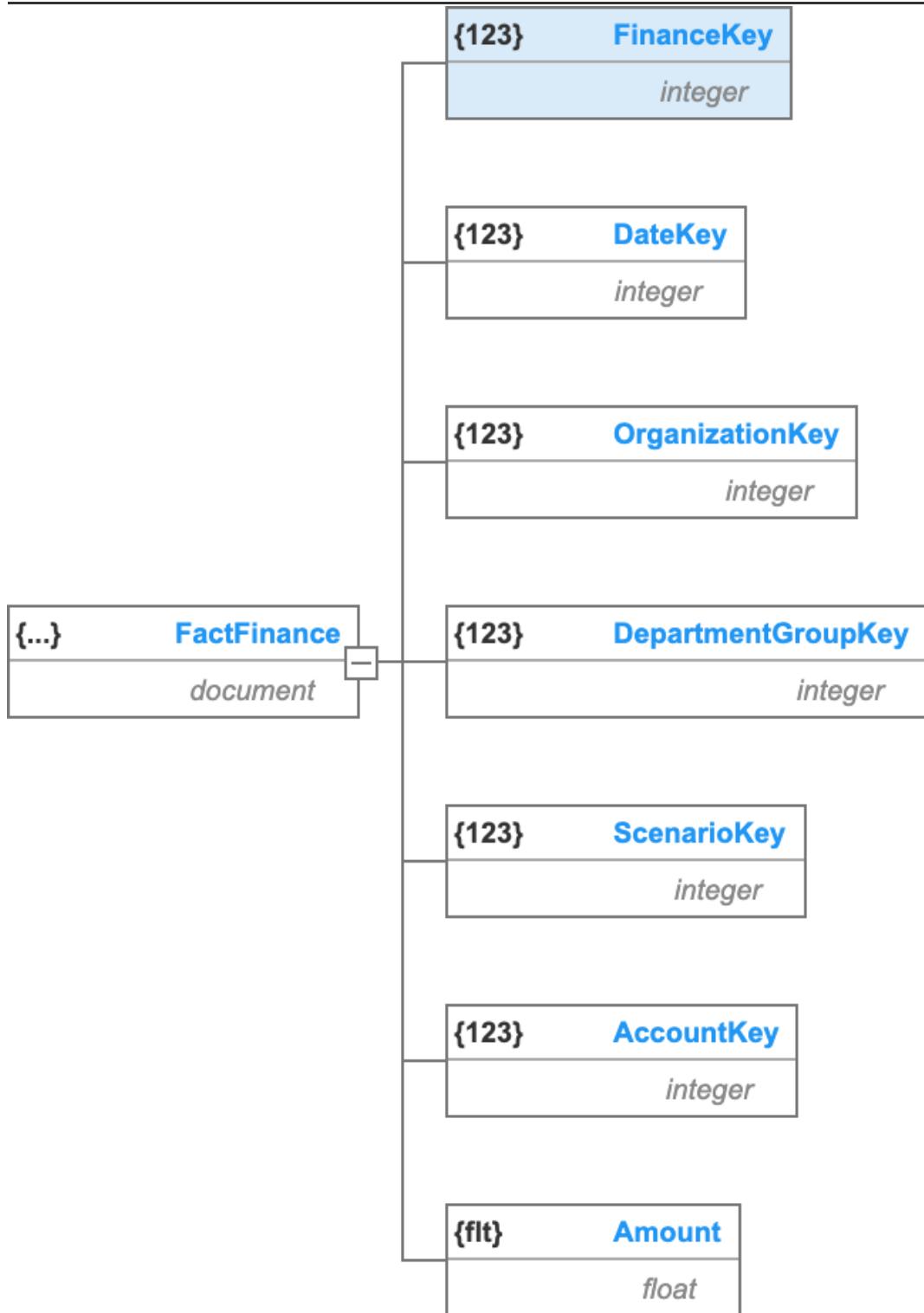
```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "FactCurrencyRate",  
  "additionalProperties": false,  
  "properties": {  
    "CurrencyKey": {  
      "type": "number"  
    },  
    "DateKey": {  
      "type": "number"  
    },  
    "AverageRate": {  
      "type": "number"  
    },  
    "EndOfDayRate": {  
      "type": "number"  
    }  
  },  
  "required": [  
    "CurrencyKey",  
    "DateKey",  
    "AverageRate",  
    "EndOfDayRate"  
  ]  
}
```

3.1.2.20.6 FactCurrencyRate JSON data

```
{  
  "CurrencyKey": 103,  
  "DateKey": 20010922,  
  "AverageRate": 0.120778781583651,  
  "EndOfDayRate": 0.120786075781184  
}
```

3.1.2.21 Entity FactFinance

3.1.2.21.1 FactFinance Tree Diagram



3.1.2.21.2 FactFinance Properties

| PROPERTY | VALUE |
|-----------------------|-------------|
| Entity name | FactFinance |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.21.3 FactFinance Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|--------------------|-------|------|-----|-------------|----------|
| FinanceKey | int | true | pk | | |
| DateKey | int | true | fk | | |
| OrganizationKey | int | true | fk | | |
| DepartmentGroupKey | int | true | fk | | |
| ScenarioKey | int | true | fk | | |
| AccountKey | int | true | fk | | |
| Amount | float | true | | | |

3.1.2.21.3.1 Attribute FinanceKey

3.1.2.21.3.1.1 FinanceKey properties

| PROPERTY | VALUE |
|-------------------|------------|
| Business Name | FinanceKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 33918 |
| Examples | |
| Comments | |

3.1.2.21.3.2 Attribute DateKey

3.1.2.21.3.2.1 DateKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | DateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | DimDate |
| Foreign field | DateKey |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 20040201 |
| Examples | |
| Comments | |

3.1.2.21.3.3 Attribute OrganizationKey

3.1.2.21.3.3.1 OrganizationKey properties

| PROPERTY | VALUE |
|-------------------|-----------------|
| Business Name | OrganizationKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | DimOrganization |
| Foreign field | OrganizationKey |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 5 |
| Examples | |
| Comments | |

3.1.2.21.3.4 Attribute DepartmentGroupKey

3.1.2.21.3.4.1 DepartmentGroupKey properties

| PROPERTY | VALUE |
|-------------------|--------------------|
| Business Name | DepartmentGroupKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | DimDepartmentGroup |
| Foreign field | DepartmentGroupKey |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 7 |
| Examples | |
| Comments | |

3.1.2.21.3.5 Attribute ScenarioKey

3.1.2.21.3.5.1 ScenarioKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | ScenarioKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | DimScenario |
| Foreign field | ScenarioKey |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.21.3.6 Attribute AccountKey

3.1.2.21.3.6.1 AccountKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | AccountKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | DimAccount |
| Foreign field | AccountKey |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 33 |
| Examples | |
| Comments | |

3.1.2.21.3.7 Attribute Amount

3.1.2.21.3.7.1 Amount properties

| PROPERTY | VALUE |
|-------------------|--------|
| Business Name | Amount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | float |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 29634 |
| Examples | |
| Comments | |

3.1.2.21.4 FactFinance Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.21.5 FactFinance JSON Schema

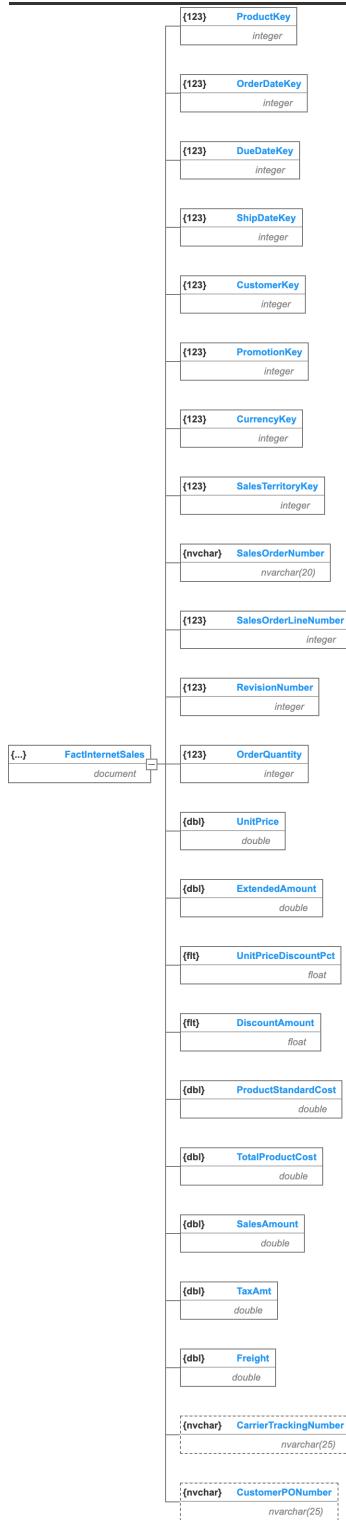
```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "FactFinance",
  "additionalProperties": false,
  "properties": {
    "FinanceKey": {
      "type": "number"
    },
    "DateKey": {
      "type": "number"
    },
    "OrganizationKey": {
      "type": "number"
    },
    "DepartmentGroupKey": {
      "type": "number"
    },
    "ScenarioKey": {
      "type": "number"
    },
    "AccountKey": {
      "type": "number"
    },
    "Amount": {
      "type": "number"
    }
  },
  "required": [
    "FinanceKey",
    "DateKey",
    "OrganizationKey",
    "DepartmentGroupKey",
    "ScenarioKey",
    "AccountKey",
    "Amount"
  ]
}
```

3.1.2.21.6 FactFinance JSON data

```
{
  "FinanceKey": 33918,
  "DateKey": 20040201,
  "OrganizationKey": 5,
  "DepartmentGroupKey": 7,
  "ScenarioKey": 1,
  "AccountKey": 33,
  "Amount": 29634
}
```

3.1.2.22 Entity FactInternetSales

3.1.2.22.1 FactInternetSales Tree Diagram



3.1.2.22.2 FactInternetSales Properties

| PROPERTY | VALUE |
|-----------------------|-------------------|
| Entity name | FactInternetSales |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.22.3 FactInternetSales Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------------------|--------------|-------|-----|-------------|----------|
| ProductKey | int | true | | | |
| OrderDateKey | int | true | | | |
| DueDateKey | int | true | | | |
| ShipDateKey | int | true | | | |
| CustomerKey | int | true | | | |
| PromotionKey | int | true | | | |
| CurrencyKey | int | true | | | |
| SalesTerritoryKey | int | true | | | |
| SalesOrderNumber | nvarchar(20) | true | | | |
| SalesOrderLineNumber | tinyint | true | | | |
| RevisionNumber | tinyint | true | | | |
| OrderQuantity | smallint | true | | | |
| UnitPrice | double | true | | | |
| ExtendedAmount | double | true | | | |
| UnitPriceDiscountPct | float | true | | | |
| DiscountAmount | float | true | | | |
| ProductStandardCost | double | true | | | |
| TotalProductCost | double | true | | | |
| SalesAmount | double | true | | | |
| TaxAmt | double | true | | | |
| Freight | double | true | | | |
| CarrierTrackingNumber | nvarchar(25) | false | | | |
| CustomerPONumber | nvarchar(25) | false | | | |

3.1.2.22.3.1 Attribute ProductKey

3.1.2.22.3.1.1 ProductKey properties

| PROPERTY | VALUE |
|-------------------|------------|
| Business Name | ProductKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 373 |
| Examples | |
| Comments | |

3.1.2.22.3.2 Attribute OrderDateKey

3.1.2.22.3.2.1 OrderDateKey properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | OrderDateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 20020803 |
| Examples | |
| Comments | |

3.1.2.22.3.3 Attribute DueDateKey

3.1.2.22.3.3.1 DueDateKey properties

| PROPERTY | VALUE |
|-------------------|------------|
| Business Name | DueDateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 20020815 |
| Examples | |
| Comments | |

3.1.2.22.3.4 Attribute ShipDateKey

3.1.2.22.3.4.1 ShipDateKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | ShipDateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 20020810 |
| Examples | |
| Comments | |

3.1.2.22.3.5 Attribute CustomerKey

3.1.2.22.3.5.1 CustomerKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | CustomerKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 13378 |
| Examples | |
| Comments | |

3.1.2.22.3.6 Attribute PromotionKey

3.1.2.22.3.6.1 PromotionKey properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | PromotionKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.22.3.7 Attribute CurrencyKey

3.1.2.22.3.7.1 CurrencyKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | CurrencyKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 100 |
| Examples | |
| Comments | |

3.1.2.22.3.8 Attribute SalesTerritoryKey

3.1.2.22.3.8.1 SalesTerritoryKey properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | SalesTerritoryKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.22.3.9 Attribute SalesOrderNumber

3.1.2.22.3.9.1 SalesOrderNumber properties

| PROPERTY | VALUE |
|----------------------|------------------|
| Business Name | SalesOrderNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 20 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | SO47086 |
| Examples | |
| Comments | |

3.1.2.22.3.10 Attribute SalesOrderLineNumber

3.1.2.22.3.10.1 SalesOrderLineNumber properties

| PROPERTY | VALUE |
|-------------------|----------------------|
| Business Name | SalesOrderLineNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.22.3.11 Attribute RevisionNumber

3.1.2.22.3.11.1 RevisionNumber properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | RevisionNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.22.3.12 Attribute OrderQuantity

3.1.2.22.3.12.1 OrderQuantity properties

| PROPERTY | VALUE |
|-------------------|---------------|
| Business Name | OrderQuantity |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.22.3.13 Attribute UnitPrice

3.1.2.22.3.13.1 UnitPrice properties

| PROPERTY | VALUE |
|-------------------|-----------|
| Business Name | UnitPrice |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2181.5625 |
| Examples | |
| Comments | |

3.1.2.22.3.14 Attribute ExtendedAmount

3.1.2.22.3.14.1 ExtendedAmount properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | ExtendedAmount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2181.5625 |
| Examples | |
| Comments | |

3.1.2.22.3.15 Attribute UnitPriceDiscountPct

3.1.2.22.3.15.1 UnitPriceDiscountPct properties

| PROPERTY | VALUE |
|-------------------|----------------------|
| Business Name | UnitPriceDiscountPct |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | float |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 0 |
| Examples | |
| Comments | |

3.1.2.22.3.16 Attribute DiscountAmount

3.1.2.22.3.16.1 DiscountAmount properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | DiscountAmount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | float |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 0 |
| Examples | |
| Comments | |

3.1.2.22.3.17 Attribute ProductStandardCost

3.1.2.22.3.17.1 ProductStandardCost properties

| PROPERTY | VALUE |
|-------------------|---------------------|
| Business Name | ProductStandardCost |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1320.6838 |
| Examples | |
| Comments | |

3.1.2.22.3.18 Attribute TotalProductCost

3.1.2.22.3.18.1 TotalProductCost properties

| PROPERTY | VALUE |
|-------------------|------------------|
| Business Name | TotalProductCost |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1320.6838 |
| Examples | |
| Comments | |

3.1.2.22.3.19 Attribute SalesAmount

3.1.2.22.3.19.1 SalesAmount properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | SalesAmount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2181.5625 |
| Examples | |
| Comments | |

3.1.2.22.3.20 Attribute TaxAmt

3.1.2.22.3.20.1 TaxAmt properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | TaxAmt |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 174.525 |
| Examples | |
| Comments | |

3.1.2.22.3.21 Attribute Freight

3.1.2.22.3.21.1 Freight properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | Freight |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 54.5391 |
| Examples | |
| Comments | |

3.1.2.22.3.22 Attribute CarrierTrackingNumber

3.1.2.22.3.22.1 CarrierTrackingNumber properties

| PROPERTY | VALUE |
|----------------------|-----------------------|
| Business Name | CarrierTrackingNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 25 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.1.2.22.3.23 Attribute CustomerPONumber

3.1.2.22.3.23.1 CustomerPONumber properties

| PROPERTY | VALUE |
|----------------------|------------------|
| Business Name | CustomerPONumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 25 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.1.2.22.4 FactInternetSales Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.22.5 FactInternetSales JSON Schema

```
{  
    "$schema": "http://json-schema.org/draft-04/schema#",  
    "type": "object",  
    "title": "FactInternetSales",  
    "additionalProperties": false,  
    "properties": {  
        "ProductKey": {  
            "type": "number"  
        },  
        "OrderDateKey": {  
            "type": "number"  
        },  
        "DueDateKey": {  
            "type": "number"  
        },  
        "ShipDateKey": {  
            "type": "number"  
        },  
        "CustomerKey": {  
            "type": "number"  
        },  
        "PromotionKey": {  
            "type": "number"  
        },  
        "CurrencyKey": {  
            "type": "number"  
        },  
        "SalesTerritoryKey": {  
            "type": "number"  
        },  
        "SalesOrderNumber": {  
            "type": "string"  
        },  
        "SalesOrderLineNumber": {  
            "type": "number"  
        },  
        "RevisionNumber": {  
            "type": "number"  
        },  
        "OrderQuantity": {  
            "type": "number"  
        },  
        "UnitPrice": {  
            "type": "number"  
        },  
        "ExtendedAmount": {  
            "type": "number"  
        },  
        "UnitPriceDiscountPct": {  
            "type": "number"  
        },  
        "DiscountAmount": {  
            "type": "number"  
        },  
        "ProductStandardCost": {  
            "type": "number"  
        },  
        "TotalProductCost": {  
            "type": "number"  
        }  
    }  
}
```

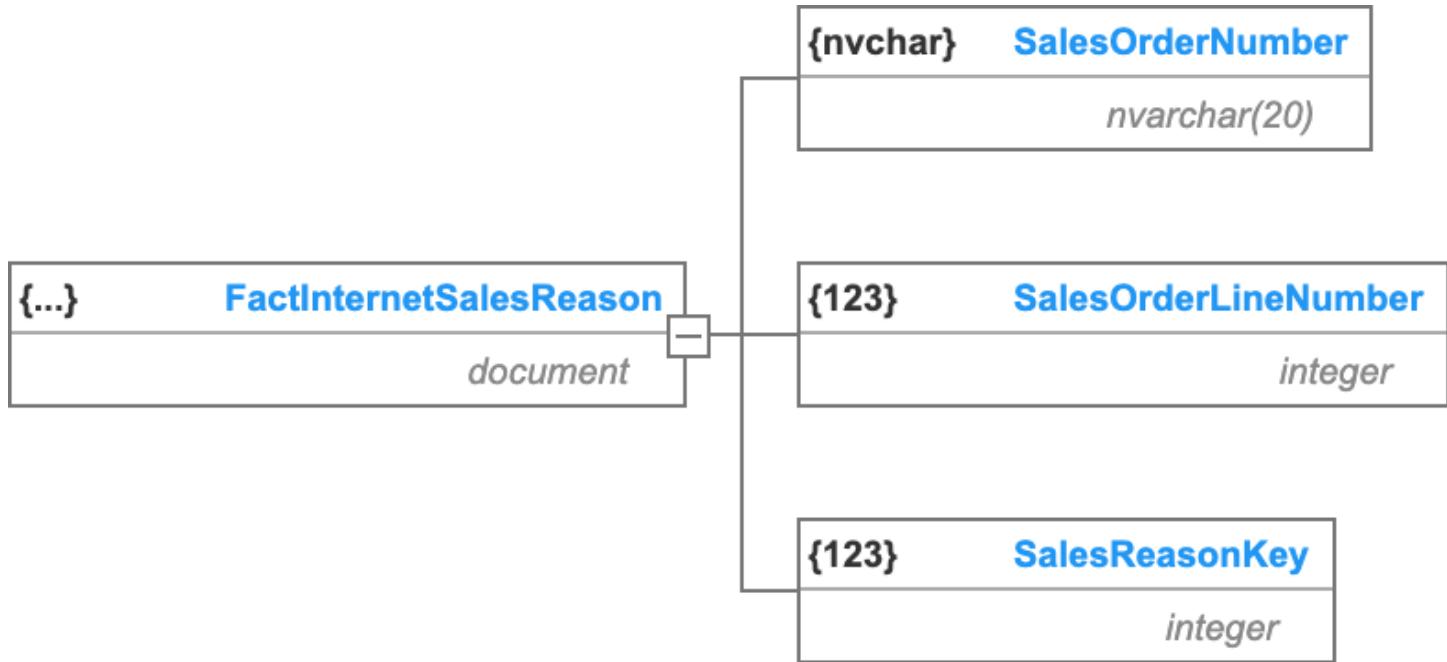
```
"SalesAmount": {  
    "type": "number"  
},  
"TaxAmt": {  
    "type": "number"  
},  
"Freight": {  
    "type": "number"  
},  
"CarrierTrackingNumber": {  
    "type": "string"  
},  
"CustomerPONumber": {  
    "type": "string"  
}  
},  
"required": [  
    "ProductKey",  
    "OrderDateKey",  
    "DueDateKey",  
    "ShipDateKey",  
    "CustomerKey",  
    "PromotionKey",  
    "CurrencyKey",  
    "SalesTerritoryKey",  
    "SalesOrderNumber",  
    "SalesOrderLineNumber",  
    "RevisionNumber",  
    "OrderQuantity",  
    "UnitPrice",  
    "ExtendedAmount",  
    "UnitPriceDiscountPct",  
    "DiscountAmount",  
    "ProductStandardCost",  
    "TotalProductCost",  
    "SalesAmount",  
    "TaxAmt",  
    "Freight"  
]  
}
```

3.1.2.22.6 FactInternetSales JSON data

```
{
  "ProductKey": 373,
  "OrderDateKey": 20020803,
  "DueDateKey": 20020815,
  "ShipDateKey": 20020810,
  "CustomerKey": 13378,
  "PromotionKey": 1,
  "CurrencyKey": 100,
  "SalesTerritoryKey": 4,
  "SalesOrderNumber": "SO47086",
  "SalesOrderLineNumber": 1,
  "RevisionNumber": 1,
  "OrderQuantity": 1,
  "UnitPrice": 2181.5625,
  "ExtendedAmount": 2181.5625,
  "UnitPriceDiscountPct": 0,
  "DiscountAmount": 0,
  "ProductStandardCost": 1320.6838,
  "TotalProductCost": 1320.6838,
  "SalesAmount": 2181.5625,
  "TaxAmt": 174.525,
  "Freight": 54.5391,
  "CarrierTrackingNumber": "Lorem",
  "CustomerPONumber": "Lorem"
}
```

3.1.2.23 Entity FactInternetSalesReason

3.1.2.23.1 FactInternetSalesReason Tree Diagram



3.1.2.23.2 FactInternetSalesReason Properties

| PROPERTY | VALUE |
|-----------------------|-------------------------|
| Entity name | FactInternetSalesReason |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.23.3 FactInternetSalesReason Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------------|--------------|------|-----|-------------|----------|
| SalesOrderNumber | nvarchar(20) | true | | | |
| SalesOrderLineNumber | tinyint | true | | | |
| SalesReasonKey | int | true | | | |

3.1.2.23.3.1 Attribute SalesOrderNumber

3.1.2.23.3.1.1 SalesOrderNumber properties

| PROPERTY | VALUE |
|----------------------|------------------|
| Business Name | SalesOrderNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 20 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | SO44461 |
| Examples | |
| Comments | |

3.1.2.23.3.2 Attribute SalesOrderLineNumber

3.1.2.23.3.2.1 SalesOrderLineNumber properties

| PROPERTY | VALUE |
|-------------------|----------------------|
| Business Name | SalesOrderLineNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.23.3.3 Attribute SalesReasonKey

3.1.2.23.3.3.1 SalesReasonKey properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | SalesReasonKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 5 |
| Examples | |
| Comments | |

3.1.2.23.4 FactInternetSalesReason Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.23.5 FactInternetSalesReason JSON Schema

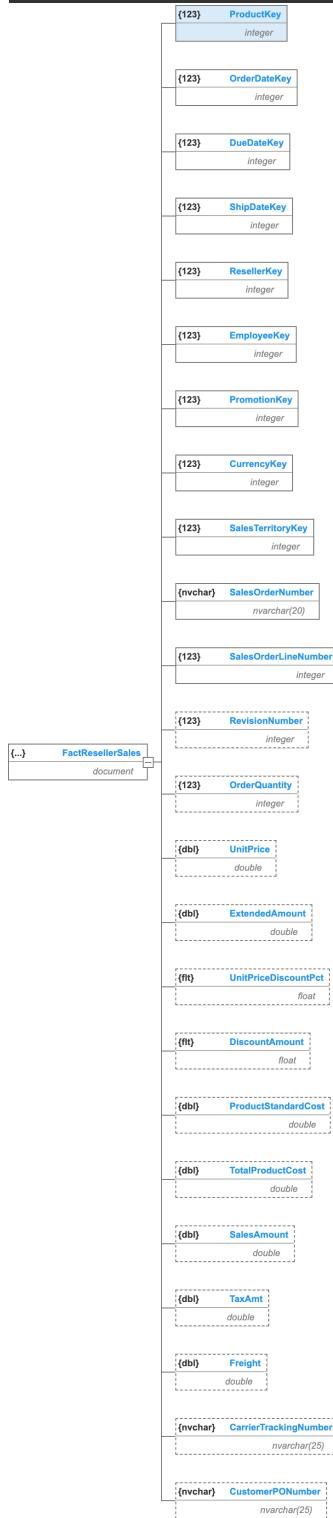
```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "FactInternetSalesReason",  
  "additionalProperties": false,  
  "properties": {  
    "SalesOrderNumber": {  
      "type": "string"  
    },  
    "SalesOrderLineNumber": {  
      "type": "number"  
    },  
    "SalesReasonKey": {  
      "type": "number"  
    }  
  },  
  "required": [  
    "SalesOrderNumber",  
    "SalesOrderLineNumber",  
    "SalesReasonKey"  
  ]  
}
```

3.1.2.23.6 FactInternetSalesReason JSON data

```
{  
  "SalesOrderNumber": "SO44461",  
  "SalesOrderLineNumber": 1,  
  "SalesReasonKey": 5  
}
```

3.1.2.24 Entity FactResellerSales

3.1.2.24.1 FactResellerSales Tree Diagram



3.1.2.24.2 FactResellerSales Properties

| PROPERTY | VALUE |
|-----------------------|-------------------|
| Entity name | FactResellerSales |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.24.3 FactResellerSales Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------------------|--------------|-------|-----|-------------|----------|
| ProductKey | int | true | pk | | |
| OrderDateKey | int | true | | | |
| DueDateKey | int | true | | | |
| ShipDateKey | int | true | | | |
| ResellerKey | int | true | | | |
| EmployeeKey | int | true | | | |
| PromotionKey | int | true | | | |
| CurrencyKey | int | true | | | |
| SalesTerritoryKey | int | true | | | |
| SalesOrderNumber | nvarchar(20) | true | | | |
| SalesOrderLineNumber | tinyint | true | | | |
| RevisionNumber | tinyint | false | | | |
| OrderQuantity | smallint | false | | | |
| UnitPrice | double | false | | | |
| ExtendedAmount | double | false | | | |
| UnitPriceDiscountPct | float | false | | | |
| DiscountAmount | float | false | | | |
| ProductStandardCost | double | false | | | |
| TotalProductCost | double | false | | | |
| SalesAmount | double | false | | | |
| TaxAmt | double | false | | | |
| Freight | double | false | | | |
| CarrierTrackingNumber | nvarchar(25) | false | | | |
| CustomerPONumber | nvarchar(25) | false | | | |

3.1.2.24.3.1 Attribute ProductKey

3.1.2.24.3.1.1 ProductKey properties

| PROPERTY | VALUE |
|-------------------|------------|
| Business Name | ProductKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 230 |
| Examples | |
| Comments | |

3.1.2.24.3.2 Attribute OrderDateKey

3.1.2.24.3.2.1 OrderDateKey properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | OrderDateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 20020701 |
| Examples | |
| Comments | |

3.1.2.24.3.3 Attribute DueDateKey

3.1.2.24.3.3.1 DueDateKey properties

| PROPERTY | VALUE |
|-------------------|------------|
| Business Name | DueDateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 20020713 |
| Examples | |
| Comments | |

3.1.2.24.3.4 Attribute ShipDateKey

3.1.2.24.3.4.1 ShipDateKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | ShipDateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 20020708 |
| Examples | |
| Comments | |

3.1.2.24.3.5 Attribute ResellerKey

3.1.2.24.3.5.1 ResellerKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | ResellerKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 618 |
| Examples | |
| Comments | |

3.1.2.24.3.6 Attribute EmployeeKey

3.1.2.24.3.6.1 EmployeeKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | EmployeeKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 281 |
| Examples | |
| Comments | |

3.1.2.24.3.7 Attribute PromotionKey

3.1.2.24.3.7.1 PromotionKey properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | PromotionKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.24.3.8 Attribute CurrencyKey

3.1.2.24.3.8.1 CurrencyKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | CurrencyKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 100 |
| Examples | |
| Comments | |

3.1.2.24.3.9 Attribute SalesTerritoryKey

3.1.2.24.3.9.1 SalesTerritoryKey properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | SalesTerritoryKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2 |
| Examples | |
| Comments | |

3.1.2.24.3.10 Attribute SalesOrderNumber

3.1.2.24.3.10.1 SalesOrderNumber properties

| PROPERTY | VALUE |
|----------------------|------------------|
| Business Name | SalesOrderNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 20 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | SO46620 |
| Examples | |
| Comments | |

3.1.2.24.3.11 Attribute SalesOrderLineNumber

3.1.2.24.3.11.1 SalesOrderLineNumber properties

| PROPERTY | VALUE |
|-------------------|----------------------|
| Business Name | SalesOrderLineNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 49 |
| Examples | |
| Comments | |

3.1.2.24.3.12 Attribute RevisionNumber

3.1.2.24.3.12.1 RevisionNumber properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | RevisionNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.24.3.13 Attribute OrderQuantity

3.1.2.24.3.13.1 OrderQuantity properties

| PROPERTY | VALUE |
|-------------------|---------------|
| Business Name | OrderQuantity |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.24.3.14 Attribute UnitPrice

3.1.2.24.3.14.1 UnitPrice properties

| PROPERTY | VALUE |
|-------------------|-----------|
| Business Name | UnitPrice |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 28.8404 |
| Examples | |
| Comments | |

3.1.2.24.3.15 Attribute ExtendedAmount

3.1.2.24.3.15.1 ExtendedAmount properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | ExtendedAmount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 115.3616 |
| Examples | |
| Comments | |

3.1.2.24.3.16 Attribute UnitPriceDiscountPct

3.1.2.24.3.16.1 UnitPriceDiscountPct properties

| PROPERTY | VALUE |
|-------------------|----------------------|
| Business Name | UnitPriceDiscountPct |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | float |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 0 |
| Examples | |
| Comments | |

3.1.2.24.3.17 Attribute DiscountAmount

3.1.2.24.3.17.1 DiscountAmount properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | DiscountAmount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | float |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 0 |
| Examples | |
| Comments | |

3.1.2.24.3.18 Attribute ProductStandardCost

3.1.2.24.3.18.1 ProductStandardCost properties

| PROPERTY | VALUE |
|-------------------|---------------------|
| Business Name | ProductStandardCost |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 29.0807 |
| Examples | |
| Comments | |

3.1.2.24.3.19 Attribute TotalProductCost

3.1.2.24.3.19.1 TotalProductCost properties

| PROPERTY | VALUE |
|-------------------|------------------|
| Business Name | TotalProductCost |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 116.3228 |
| Examples | |
| Comments | |

3.1.2.24.3.20 Attribute SalesAmount

3.1.2.24.3.20.1 SalesAmount properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | SalesAmount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 115.3616 |
| Examples | |
| Comments | |

3.1.2.24.3.21 Attribute TaxAmt

3.1.2.24.3.21.1 TaxAmt properties

| PROPERTY | VALUE |
|-------------------|--------|
| Business Name | TaxAmt |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 9.2289 |
| Examples | |
| Comments | |

3.1.2.24.3.22 Attribute Freight

3.1.2.24.3.22.1 Freight properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | Freight |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2.884 |
| Examples | |
| Comments | |

3.1.2.24.3.23 Attribute CarrierTrackingNumber

3.1.2.24.3.23.1 CarrierTrackingNumber properties

| PROPERTY | VALUE |
|----------------------|-----------------------|
| Business Name | CarrierTrackingNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 25 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | FEE3-4994-8E |
| Examples | |
| Comments | |

3.1.2.24.3.24 Attribute CustomerPONumber

3.1.2.24.3.24.1 CustomerPONumber properties

| PROPERTY | VALUE |
|----------------------|------------------|
| Business Name | CustomerPONumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 25 |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | PO13775143788 |
| Examples | |
| Comments | |

3.1.2.24.4 FactResellerSales Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.24.5 FactResellerSales JSON Schema

```
{  
    "$schema": "http://json-schema.org/draft-04/schema#",  
    "type": "object",  
    "title": "FactResellerSales",  
    "additionalProperties": false,  
    "properties": {  
        "ProductKey": {  
            "type": "number"  
        },  
        "OrderDateKey": {  
            "type": "number"  
        },  
        "DueDateKey": {  
            "type": "number"  
        },  
        "ShipDateKey": {  
            "type": "number"  
        },  
        "ResellerKey": {  
            "type": "number"  
        },  
        "EmployeeKey": {  
            "type": "number"  
        },  
        "PromotionKey": {  
            "type": "number"  
        },  
        "CurrencyKey": {  
            "type": "number"  
        },  
        "SalesTerritoryKey": {  
            "type": "number"  
        },  
        "SalesOrderNumber": {  
            "type": "string"  
        },  
        "SalesOrderLineNumber": {  
            "type": "number"  
        },  
        "RevisionNumber": {  
            "type": "number"  
        },  
        "OrderQuantity": {  
            "type": "number"  
        },  
        "UnitPrice": {  
            "type": "number"  
        },  
        "ExtendedAmount": {  
            "type": "number"  
        },  
        "UnitPriceDiscountPct": {  
            "type": "number"  
        },  
        "DiscountAmount": {  
            "type": "number"  
        },  
        "ProductStandardCost": {  
            "type": "number"  
        }  
    }  
}
```

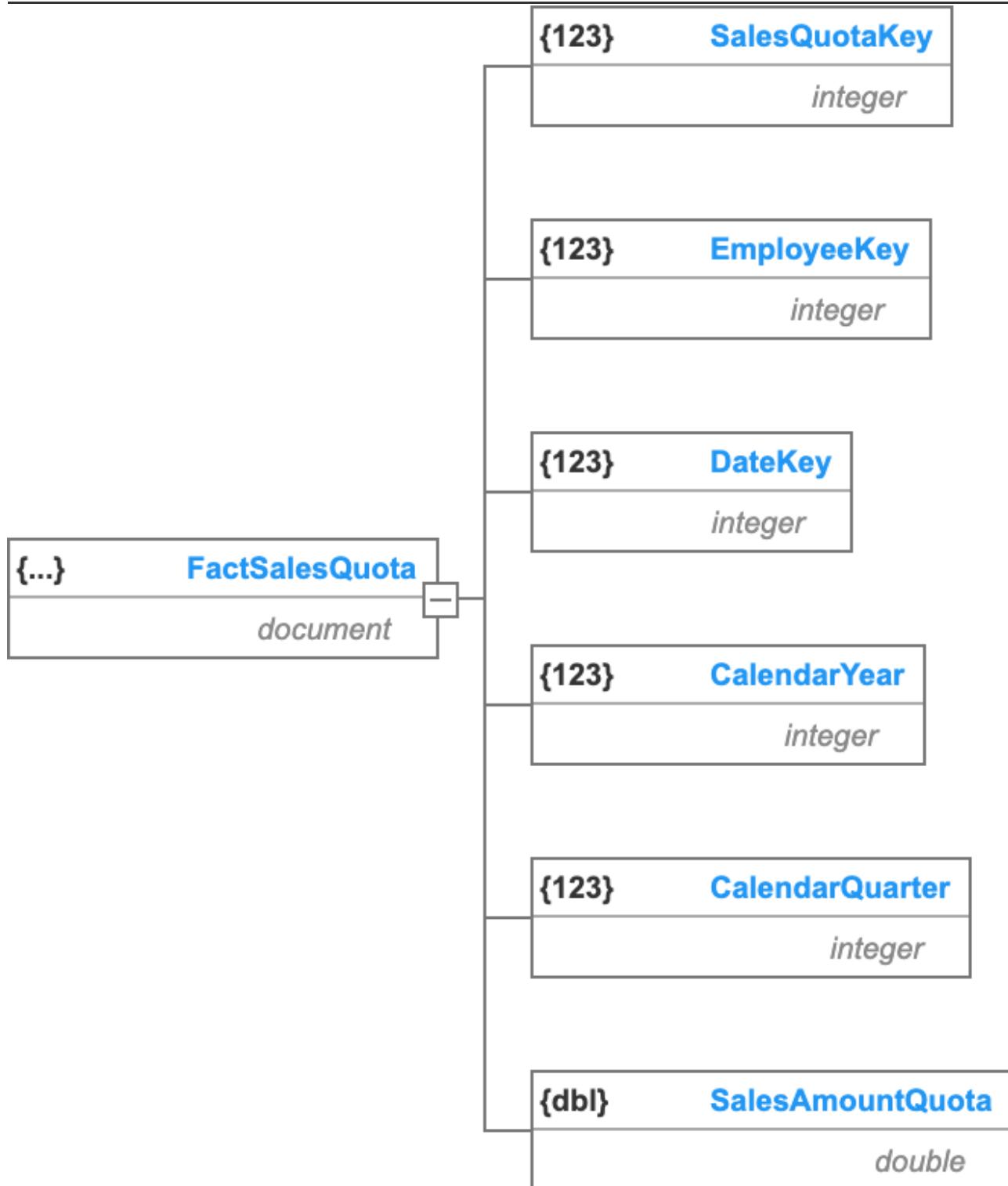
```
"TotalProductCost": {  
    "type": "number"  
},  
"SalesAmount": {  
    "type": "number"  
},  
"TaxAmt": {  
    "type": "number"  
},  
"Freight": {  
    "type": "number"  
},  
"CarrierTrackingNumber": {  
    "type": "string"  
},  
"CustomerPONumber": {  
    "type": "string"  
}  
},  
"required": [  
    "ProductKey",  
    "OrderDateKey",  
    "DueDateKey",  
    "ShipDateKey",  
    "ResellerKey",  
    "EmployeeKey",  
    "PromotionKey",  
    "CurrencyKey",  
    "SalesTerritoryKey",  
    "SalesOrderNumber",  
    "SalesOrderLineNumber"  
]  
}
```

3.1.2.24.6 FactResellerSales JSON data

```
{  
  "ProductKey": 230,  
  "OrderDateKey": 20020701,  
  "DueDateKey": 20020713,  
  "ShipDateKey": 20020708,  
  "ResellerKey": 618,  
  "EmployeeKey": 281,  
  "PromotionKey": 1,  
  "CurrencyKey": 100,  
  "SalesTerritoryKey": 2,  
  "SalesOrderNumber": "SO46620",  
  "SalesOrderLineNumber": 49,  
  "RevisionNumber": 1,  
  "OrderQuantity": 4,  
  "UnitPrice": 28.8404,  
  "ExtendedAmount": 115.3616,  
  "UnitPriceDiscountPct": 0,  
  "DiscountAmount": 0,  
  "ProductStandardCost": 29.0807,  
  "TotalProductCost": 116.3228,  
  "SalesAmount": 115.3616,  
  "TaxAmt": 9.2289,  
  "Freight": 2.884,  
  "CarrierTrackingNumber": "FEE3-4994-8E",  
  "CustomerPONumber": "PO13775143788"  
}
```

3.1.2.25 Entity FactSalesQuota

3.1.2.25.1 FactSalesQuota Tree Diagram



3.1.2.25.2 FactSalesQuota Properties

| PROPERTY | VALUE |
|-----------------------|----------------|
| Entity name | FactSalesQuota |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.25.3 FactSalesQuota Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|------------------|----------|------|-----|-------------|----------|
| SalesQuotaKey | int | true | | | |
| EmployeeKey | int | true | | | |
| DateKey | int | true | | | |
| CalendarYear | smallint | true | | | |
| CalendarQuarter | tinyint | true | | | |
| SalesAmountQuota | double | true | | | |

3.1.2.25.3.1 Attribute SalesQuotaKey

3.1.2.25.3.1.1 SalesQuotaKey properties

| PROPERTY | VALUE |
|-------------------|---------------|
| Business Name | SalesQuotaKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 135 |
| Examples | |
| Comments | |

3.1.2.25.3.2 Attribute EmployeeKey

3.1.2.25.3.2.1 EmployeeKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | EmployeeKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 285 |
| Examples | |
| Comments | |

3.1.2.25.3.3 Attribute DateKey

3.1.2.25.3.3.1 DateKey properties

| PROPERTY | VALUE |
|-------------------|----------|
| Business Name | DateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 20040101 |
| Examples | |
| Comments | |

3.1.2.25.3.4 Attribute CalendarYear

3.1.2.25.3.4.1 CalendarYear properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | CalendarYear |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 2004 |
| Examples | |
| Comments | |

3.1.2.25.3.5 Attribute CalendarQuarter

3.1.2.25.3.5.1 CalendarQuarter properties

| PROPERTY | VALUE |
|-------------------|-----------------|
| Business Name | CalendarQuarter |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.25.3.6 Attribute SalesAmountQuota

3.1.2.25.3.6.1 SalesAmountQuota properties

| PROPERTY | VALUE |
|-------------------|------------------|
| Business Name | SalesAmountQuota |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 538000 |
| Examples | |
| Comments | |

3.1.2.25.4 FactSalesQuota Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.25.5 FactSalesQuota JSON Schema

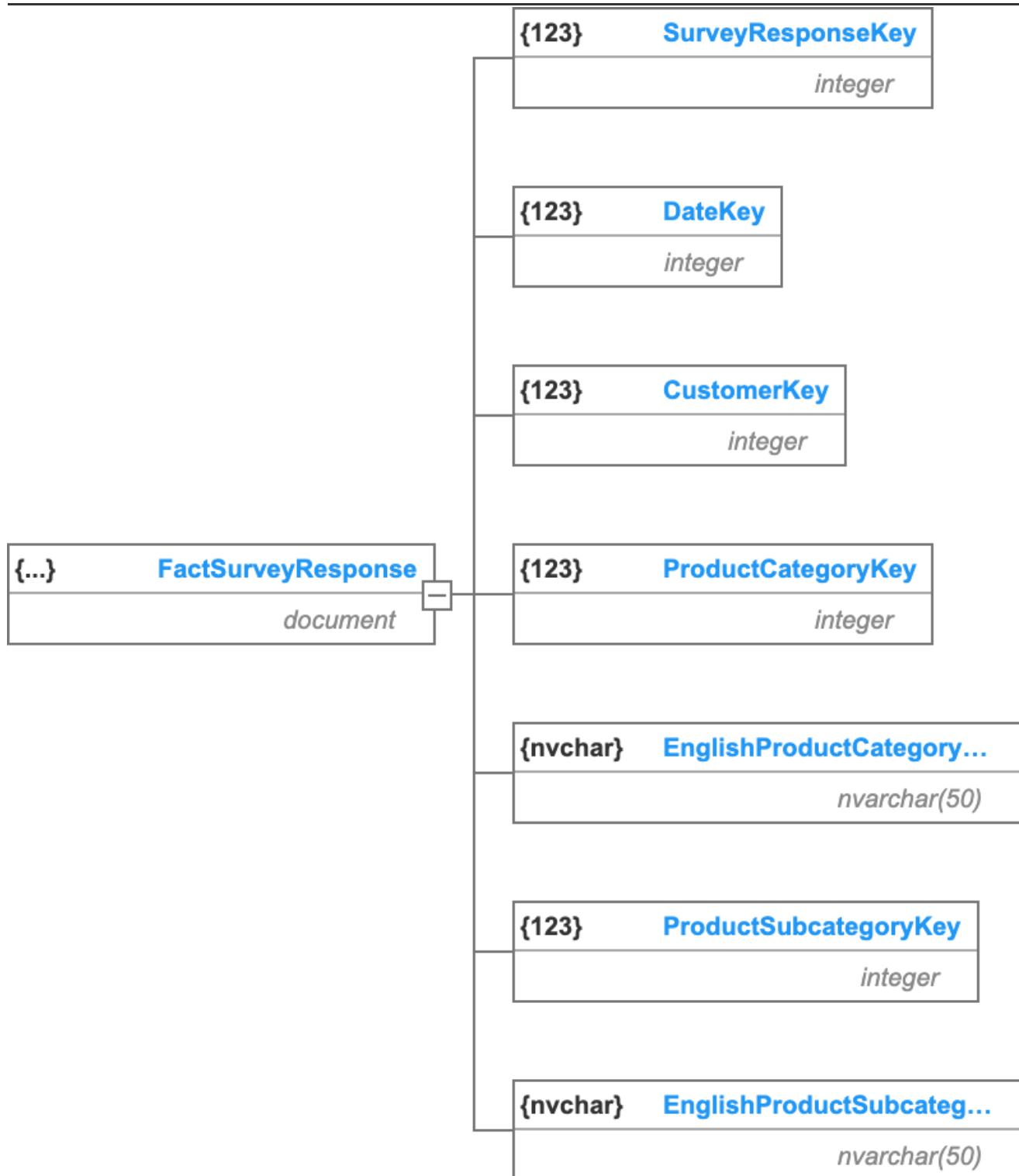
```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "FactSalesQuota",
  "additionalProperties": false,
  "properties": {
    "SalesQuotaKey": {
      "type": "number"
    },
    "EmployeeKey": {
      "type": "number"
    },
    "DateKey": {
      "type": "number"
    },
    "CalendarYear": {
      "type": "number"
    },
    "CalendarQuarter": {
      "type": "number"
    },
    "SalesAmountQuota": {
      "type": "number"
    }
  },
  "required": [
    "SalesQuotaKey",
    "EmployeeKey",
    "DateKey",
    "CalendarYear",
    "CalendarQuarter",
    "SalesAmountQuota"
  ]
}
```

3.1.2.25.6 FactSalesQuota JSON data

```
{
  "SalesQuotaKey": 135,
  "EmployeeKey": 285,
  "DateKey": 20040101,
  "CalendarYear": 2004,
  "CalendarQuarter": 1,
  "SalesAmountQuota": 538000
}
```

3.1.2.26 Entity FactSurveyResponse

3.1.2.26.1 FactSurveyResponse Tree Diagram



3.1.2.26.2 FactSurveyResponse Properties

| PROPERTY | VALUE |
|-----------------------|--------------------|
| Entity name | FactSurveyResponse |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.26.3 FactSurveyResponse Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-------------------------------|--------------|------|-----|-------------|----------|
| SurveyResponseKey | int | true | | | |
| DateKey | int | true | | | |
| CustomerKey | int | true | | | |
| ProductCategoryKey | int | true | | | |
| EnglishProductName | nvarchar(50) | true | | | |
| ProductSubcategoryKey | int | true | | | |
| EnglishProductSubcategoryName | nvarchar(50) | true | | | |

3.1.2.26.3.1 Attribute SurveyResponseKey

3.1.2.26.3.1.1 SurveyResponseKey properties

| PROPERTY | VALUE |
|-------------------|-------------------|
| Business Name | SurveyResponseKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 527 |
| Examples | |
| Comments | |

3.1.2.26.3.2 Attribute DateKey

3.1.2.26.3.2.1 DateKey properties

| PROPERTY | VALUE |
|-------------------|----------|
| Business Name | DateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 20020906 |
| Examples | |
| Comments | |

3.1.2.26.3.3 Attribute CustomerKey

3.1.2.26.3.3.1 CustomerKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | CustomerKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 16032 |
| Examples | |
| Comments | |

3.1.2.26.3.4 Attribute ProductCategoryKey

3.1.2.26.3.4.1 ProductCategoryKey properties

| PROPERTY | VALUE |
|-------------------|--------------------|
| Business Name | ProductCategoryKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.26.3.5 Attribute EnglishProductName

3.1.2.26.3.5.1 EnglishProductCategoryName properties

| PROPERTY | VALUE |
|----------------------|----------------------------|
| Business Name | EnglishProductCategoryName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Accessories |
| Examples | |
| Comments | |

3.1.2.26.3.6 Attribute ProductSubcategoryKey

3.1.2.26.3.6.1 ProductSubcategoryKey properties

| PROPERTY | VALUE |
|-------------------|-----------------------|
| Business Name | ProductSubcategoryKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 26 |
| Examples | |
| Comments | |

3.1.2.26.3.7 Attribute EnglishProductSubcategoryName

3.1.2.26.3.7.1 EnglishProductSubcategoryName properties

| PROPERTY | VALUE |
|----------------------|-------------------------------|
| Business Name | EnglishProductSubcategoryName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Bike Racks |
| Examples | |
| Comments | |

3.1.2.26.4 FactSurveyResponse Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.26.5 FactSurveyResponse JSON Schema

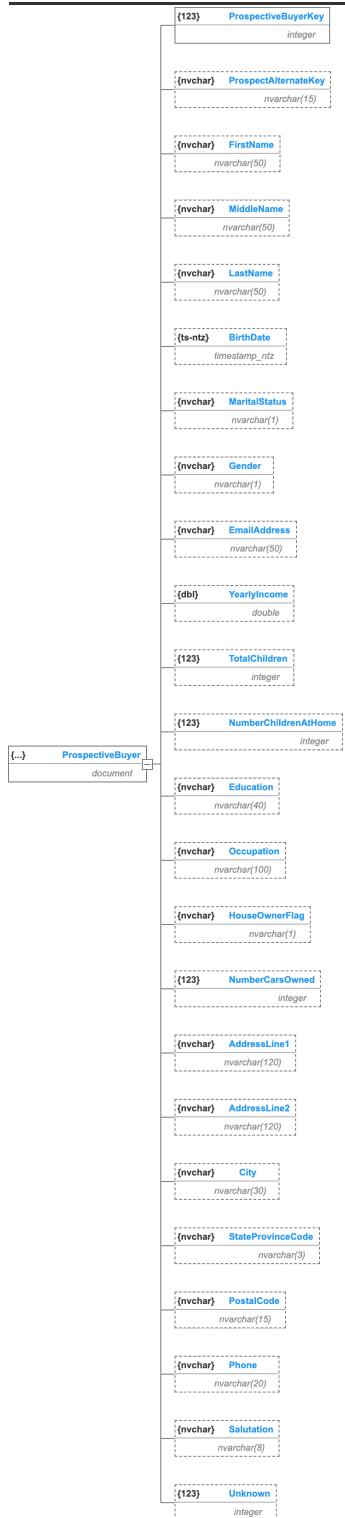
```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "FactSurveyResponse",
  "additionalProperties": false,
  "properties": {
    "SurveyResponseKey": {
      "type": "number"
    },
    "DateKey": {
      "type": "number"
    },
    "CustomerKey": {
      "type": "number"
    },
    "ProductCategoryKey": {
      "type": "number"
    },
    "EnglishProductCategoryName": {
      "type": "string"
    },
    "ProductSubcategoryKey": {
      "type": "number"
    },
    "EnglishProductSubcategoryName": {
      "type": "string"
    }
  },
  "required": [
    "SurveyResponseKey",
    "DateKey",
    "CustomerKey",
    "ProductCategoryKey",
    "EnglishProductCategoryName",
    "ProductSubcategoryKey",
    "EnglishProductSubcategoryName"
  ]
}
```

3.1.2.26.6 FactSurveyResponse JSON data

```
{
  "SurveyResponseKey": 527,
  "DateKey": 20020906,
  "CustomerKey": 16032,
  "ProductCategoryKey": 4,
  "EnglishProductCategoryName": "Accessories",
  "ProductSubcategoryKey": 26,
  "EnglishProductSubcategoryName": "Bike Racks"
}
```

3.1.2.27 Entity ProspectiveBuyer

3.1.2.27.1 ProspectiveBuyer Tree Diagram



3.1.2.27.2 ProspectiveBuyer Properties

| PROPERTY | VALUE |
|-----------------------|------------------|
| Entity name | ProspectiveBuyer |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | dbo |
| Parent entity | |
| Child entity | |
| Additional properties | false |
| Examples | |
| Comments | |

3.1.2.27.3 ProspectiveBuyer Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------------|---------------|-------|-----|-------------|----------|
| ProspectiveBuyerKey | int | true | | | |
| ProspectAlternateKey | nvarchar(15) | false | | | |
| FirstName | nvarchar(50) | false | | | |
| MiddleName | nvarchar(50) | false | | | |
| LastName | nvarchar(50) | false | | | |
| BirthDate | datetime | false | | | |
| MaritalStatus | nchar(1) | false | | | |
| Gender | nvarchar(1) | false | | | |
| EmailAddress | nvarchar(50) | false | | | |
| YearlyIncome | double | false | | | |
| TotalChildren | tinyint | false | | | |
| NumberChildrenAtHome | tinyint | false | | | |
| Education | nvarchar(40) | false | | | |
| Occupation | nvarchar(100) | false | | | |
| HouseOwnerFlag | nchar(1) | false | | | |
| NumberCarsOwned | tinyint | false | | | |
| AddressLine1 | nvarchar(120) | false | | | |
| AddressLine2 | nvarchar(120) | false | | | |
| City | nvarchar(30) | false | | | |
| StateProvinceCode | nvarchar(3) | false | | | |
| PostalCode | nvarchar(15) | false | | | |
| Phone | nvarchar(20) | false | | | |
| Salutation | nvarchar(8) | false | | | |
| Unknown | int | false | | | |

3.1.2.27.3.1 Attribute ProspectiveBuyerKey

3.1.2.27.3.1.1 ProspectiveBuyerKey properties

| PROPERTY | VALUE |
|-------------------|---------------------|
| Business Name | ProspectiveBuyerKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 291 |
| Examples | |
| Comments | |

3.1.2.27.3.2 Attribute ProspectAlternateKey

3.1.2.27.3.2.1 ProspectAlternateKey properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | ProspectAlternateKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 15 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 7164 |
| Examples | |
| Comments | |

3.1.2.27.3.3 Attribute FirstName

3.1.2.27.3.3.1 FirstName properties

| PROPERTY | VALUE |
|----------------------|-----------|
| Business Name | FirstName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Billy |
| Examples | |
| Comments | |

3.1.2.27.3.4 Attribute MiddleName

3.1.2.27.3.4.1 MiddleName properties

| PROPERTY | VALUE |
|----------------------|------------|
| Business Name | MiddleName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | D |
| Examples | |
| Comments | |

3.1.2.27.3.5 Attribute LastName

3.1.2.27.3.5.1 LastName properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | LastName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Vazquez |
| Examples | |
| Comments | |

3.1.2.27.3.6 Attribute BirthDate

3.1.2.27.3.6.1 BirthDate properties

| PROPERTY | VALUE |
|----------------|--------------------------|
| Business Name | BirthDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | timestamp_ntz |
| Synonymn | datetime |
| Precision | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | 1964-11-11T00:00:00.000Z |
| Examples | |
| Comments | |

3.1.2.27.3.7 Attribute MaritalStatus

3.1.2.27.3.7.1 MaritalStatus properties

| PROPERTY | VALUE |
|----------------------|---------------|
| Business Name | MaritalStatus |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 1 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | S |
| Examples | |
| Comments | |

3.1.2.27.3.8 Attribute Gender

3.1.2.27.3.8.1 Gender properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Gender |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 1 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | M |
| Examples | |
| Comments | |

3.1.2.27.3.9 Attribute EmailAddress

3.1.2.27.3.9.1 EmailAddress properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | EmailAddress |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 50 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | bvazquez@contoso.com |
| Examples | |
| Comments | |

3.1.2.27.3.10 Attribute YearlyIncome

3.1.2.27.3.10.1 YearlyIncome properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | YearlyIncome |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 80000 |
| Examples | |
| Comments | |

3.1.2.27.3.11 Attribute TotalChildren

3.1.2.27.3.11.1 TotalChildren properties

| PROPERTY | VALUE |
|-------------------|---------------|
| Business Name | TotalChildren |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.27.3.12 Attribute NumberChildrenAtHome

3.1.2.27.3.12.1 NumberChildrenAtHome properties

| PROPERTY | VALUE |
|-------------------|----------------------|
| Business Name | NumberChildrenAtHome |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 3 |
| Examples | |
| Comments | |

3.1.2.27.3.13 Attribute Education

3.1.2.27.3.13.1 Education properties

| PROPERTY | VALUE |
|----------------------|------------|
| Business Name | Education |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 40 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Partial Co |
| Examples | |
| Comments | |

3.1.2.27.3.14 Attribute Occupation

3.1.2.27.3.14.1 Occupation properties

| PROPERTY | VALUE |
|----------------------|--------------|
| Business Name | Occupation |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 100 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Professional |
| Examples | |
| Comments | |

3.1.2.27.3.15 Attribute HouseOwnerFlag

3.1.2.27.3.15.1 HouseOwnerFlag properties

| PROPERTY | VALUE |
|----------------------|----------------|
| Business Name | HouseOwnerFlag |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 1 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.27.3.16 Attribute NumberCarsOwned

3.1.2.27.3.16.1 NumberCarsOwned properties

| PROPERTY | VALUE |
|-------------------|-----------------|
| Business Name | NumberCarsOwned |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 1 |
| Examples | |
| Comments | |

3.1.2.27.3.17 Attribute AddressLine1

3.1.2.27.3.17.1 AddressLine1 properties

| PROPERTY | VALUE |
|----------------------|----------------|
| Business Name | AddressLine1 |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 120 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 1880 Birchwood |
| Examples | |
| Comments | |

3.1.2.27.3.18 Attribute AddressLine2

3.1.2.27.3.18.1 AddressLine2 properties

| PROPERTY | VALUE |
|----------------------|--------------|
| Business Name | AddressLine2 |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 120 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | #9 |
| Examples | |
| Comments | |

3.1.2.27.3.19 Attribute City

3.1.2.27.3.19.1 City properties

| PROPERTY | VALUE |
|----------------------|-------------|
| Business Name | City |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 30 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | San Gabriel |
| Examples | |
| Comments | |

3.1.2.27.3.20 Attribute StateProvinceCode

3.1.2.27.3.20.1 StateProvinceCode properties

| PROPERTY | VALUE |
|----------------------|-------------------|
| Business Name | StateProvinceCode |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 3 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | CA |
| Examples | |
| Comments | |

3.1.2.27.3.21 Attribute PostalCode

3.1.2.27.3.21.1 PostalCode properties

| PROPERTY | VALUE |
|----------------------|------------|
| Business Name | PostalCode |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 15 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 91776 |
| Examples | |
| Comments | |

3.1.2.27.3.22 Attribute Phone

3.1.2.27.3.22.1 Phone properties

| PROPERTY | VALUE |
|----------------------|--------------|
| Business Name | Phone |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 20 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | 401-555-0114 |
| Examples | |
| Comments | |

3.1.2.27.3.23 Attribute Salutation

3.1.2.27.3.23.1 Salutation properties

| PROPERTY | VALUE |
|----------------------|------------|
| Business Name | Salutation |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 8 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Mr. |
| Examples | |
| Comments | |

3.1.2.27.3.24 Attribute Unknown

3.1.2.27.3.24.1 Unknown properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | Unknown |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 4 |
| Examples | |
| Comments | |

3.1.2.27.4 ProspectiveBuyer Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.1.2.27.5 ProspectiveBuyer JSON Schema

```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "ProspectiveBuyer",  
  "additionalProperties": false,  
  "properties": {  
    "ProspectiveBuyerKey": {  
      "type": "number"  
    },  
    "ProspectAlternateKey": {  
      "type": "string"  
    },  
    "FirstName": {  
      "type": "string"  
    },  
    "MiddleName": {  
      "type": "string"  
    },  
    "LastName": {  
      "type": "string"  
    },  
    "BirthDate": {  
      "type": "string"  
    },  
    "MaritalStatus": {  
      "type": "string"  
    },  
    "Gender": {  
      "type": "string"  
    },  
    "EmailAddress": {  
      "type": "string"  
    },  
    "YearlyIncome": {  
      "type": "number"  
    },  
    "TotalChildren": {  
      "type": "number"  
    },  
    "NumberChildrenAtHome": {  
      "type": "number"  
    },  
    "Education": {  
      "type": "string"  
    },  
    "Occupation": {  
      "type": "string"  
    },  
    "HouseOwnerFlag": {  
      "type": "string"  
    },  
    "NumberCarsOwned": {  
      "type": "number"  
    },  
    "AddressLine1": {  
      "type": "string"  
    },  
    "AddressLine2": {  
      "type": "string"  
    }  
  }  
}
```

```

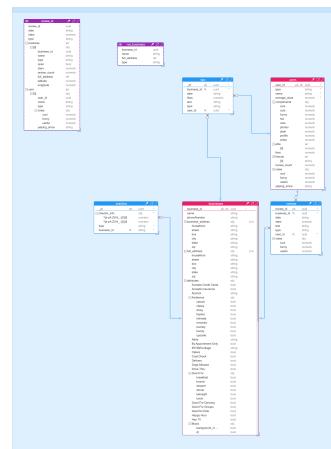
    "City": {
        "type": "string"
    },
    "StateProvinceCode": {
        "type": "string"
    },
    "PostalCode": {
        "type": "string"
    },
    "Phone": {
        "type": "string"
    },
    "Salutation": {
        "type": "string"
    },
    "Unknown": {
        "type": "number"
    }
},
"required": [
    "ProspectiveBuyerKey"
]
}

```

3.1.2.27.6 ProspectiveBuyer JSON data

```
{
    "ProspectiveBuyerKey": 291,
    "ProspectAlternateKey": "7164",
    "FirstName": "Billy",
    "MiddleName": "D",
    "LastName": "Vazquez",
    "BirthDate": "1964-11-11T00:00:00.000Z",
    "MaritalStatus": "S",
    "Gender": "M",
    "EmailAddress": "bvazquez@contoso.com",
    "YearlyIncome": 80000,
    "TotalChildren": 4,
    "NumberChildrenAtHome": 3,
    "Education": "Partial Co",
    "Occupation": "Professional",
    "HouseOwnerFlag": "1",
    "NumberCarsOwned": 1,
    "AddressLine1": "1880 Birchwood",
    "AddressLine2": "#9",
    "City": "San Gabriel",
    "StateProvinceCode": "CA",
    "PostalCode": "91776",
    "Phone": "401-555-0114",
    "Salutation": "Mr.",
    "Unknown": 4
}
```

3.2 Container yelp



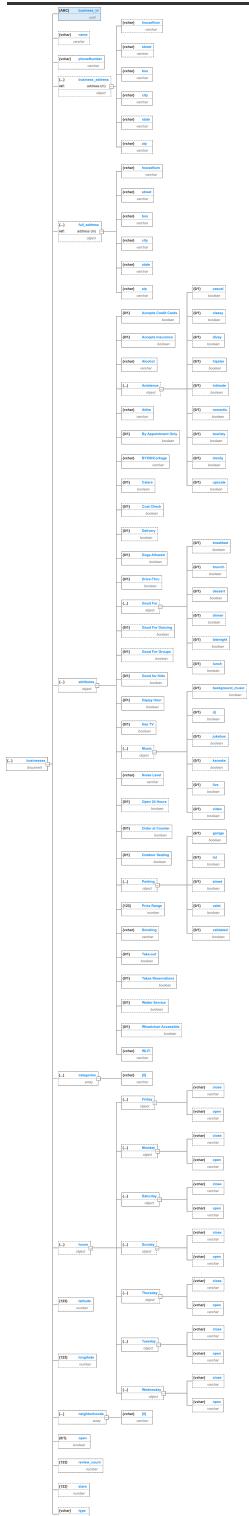
3.2.1 yelp Properties

| PROPERTY | VALUE |
|----------------|-------|
| Container name | yelp |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Description | |
| Comments | |

3.2.2 yelp Entities

3.2.2.1 Entity businesses

3.2.2.1.1 businesses Tree Diagram



3.2.2.1.2 businesses Properties

| PROPERTY | VALUE |
|-----------------------|----------------------|
| Entity name | businesses |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | yelp |
| Parent entity | |
| Child entity | |
| Additional properties | true |
| Examples | |
| Comments | |

3.2.2.1.3 businesses Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------------|---------|-------|-----------|---------------------------|--|
| business_id | uuid | true | pk, dk | Unique key for businesses | Sat Nov 04 2017 10:12:00 GMT+0100 (Romance Standard Time): some comments |
| name | string | false | | | |
| phoneNumber | string | false | | | |
| business_address | object | false | | | |
| houseNum | string | false | | | |
| street | string | false | | | |
| box | string | false | | | |
| city | string | false | | | |
| state | string | false | | | |
| zip | string | false | | | |
| full_address | object | false | | | |
| houseNum | string | false | | | |
| street | string | false | | | |
| box | string | false | | | |
| city | string | false | | | |
| state | string | false | | | |
| zip | string | false | | | |
| attributes | object | false | | | |
| Accepts Credit Cards | boolean | false | | | |
| Accepts Insurance | boolean | false | | | |
| Alcohol | string | false | | | |
| Ambience | object | false | | | |
| casual | boolean | false | | | |
| classy | boolean | false | | | |
| divey | boolean | false | | | |
| hipster | boolean | false | | | |
| intimate | boolean | false | | | |
| romantic | boolean | false | | | |
| touristy | boolean | false | | | |
| trendy | boolean | false | | | |
| upscale | boolean | false | | | |
| Attire | string | false | | | |
| By Appointment Only | boolean | false | | | |
| BYOB/Corkage | string | false | | | |
| Caters | boolean | false | | | |
| Coat Check | boolean | false | | | |
| Delivery | boolean | false | | | |
| Dogs Allowed | boolean | false | | | |
| Drive-Thru | boolean | false | | | |
| Good For | object | false | | | |
| breakfast | boolean | false | | | |
| brunch | boolean | false | | | |
| dessert | boolean | false | | | |
| dinner | boolean | false | | | |
| latenight | boolean | false | | | |
| lunch | boolean | false | | | |

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------------------|---------|-------|-----|-------------|----------|
| Good For Dancing | boolean | false | | | |
| Good For Groups | boolean | false | | | |
| Good for Kids | boolean | false | | | |
| Happy Hour | boolean | false | | | |
| Has TV | boolean | false | | | |
| Music | object | false | | | |
| background_music | boolean | false | | | |
| dj | boolean | false | | | |
| jukebox | boolean | false | | | |
| karaoke | boolean | false | | | |
| live | boolean | false | | | |
| video | boolean | false | | | |
| Noise Level | string | false | | | |
| Open 24 Hours | boolean | false | | | |
| Order at Counter | boolean | false | | | |
| Outdoor Seating | boolean | false | | | |
| Parking | object | false | | | |
| garage | boolean | false | | | |
| lot | boolean | false | | | |
| street | boolean | false | | | |
| valet | boolean | false | | | |
| validated | boolean | false | | | |
| Price Range | numeric | false | | | |
| Smoking | string | false | | | |
| Take-out | boolean | false | | | |
| Takes Reservations | boolean | false | | | |
| Waiter Service | boolean | false | | | |
| Wheelchair Accessible | boolean | false | | | |
| Wi-Fi | string | false | | | |
| categories | array | false | | | |
| [0] | string | false | | | |
| hours | object | false | | | |
| Friday | object | false | | | |
| close | string | false | | | |
| open | string | false | | | |
| Monday | object | false | | | |
| close | string | false | | | |
| open | string | false | | | |
| Saturday | object | false | | | |
| close | string | false | | | |
| open | string | false | | | |
| Sunday | object | false | | | |
| close | string | false | | | |
| open | string | false | | | |
| Thursday | object | false | | | |
| close | string | false | | | |
| open | string | false | | | |
| Tuesday | object | false | | | |

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---------------|---------|-------|-----|-------------|----------|
| close | string | false | | | |
| open | string | false | | | |
| Wednesday | object | false | | | |
| close | string | false | | | |
| open | string | false | | | |
| latitude | numeric | false | | | |
| longitude | numeric | false | | | |
| neighborhoods | array | false | | | |
| [0] | string | false | | | |
| open | boolean | false | | | |
| review_count | numeric | false | | | |
| stars | numeric | false | | | |
| type | string | false | | | |

3.2.2.1.3.1 Attribute business_id

3.2.2.1.3.1.1 business_id properties

| PROPERTY | VALUE |
|-------------------|--|
| Business Name | business_id |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | uuid |
| Description | Unique key for businesses |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Enum | |
| Sample | |
| Examples | |
| Comments | Sat Nov 04 2017 10:12:00 GMT+0100 (Romance Standard Time): some comments |

3.2.2.1.3.2 Attribute name

3.2.2.1.3.2.1 name properties

| PROPERTY | VALUE |
|----------------------|----------------------|
| Business Name | name |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.company.name() |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.3 Attribute phoneNumber

3.2.2.1.3.3.1 phoneNumber properties

| PROPERTY | VALUE |
|----------------------|---------------------------------------|
| Business Name | phoneNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.phone.number('+1-###-###-####') |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.4 Attribute business_address

3.2.2.1.3.4.1 business_address properties

| PROPERTY | VALUE |
|-----------------------|---------------------------------|
| Business Name | business_address |
| Technical name | |
| Activated | true |
| \$ref | #model/definitions/full_address |
| Reference type | model |
| Reference description | |

3.2.2.1.3.5 Attribute full_address

3.2.2.1.3.5.1 full_address properties

| PROPERTY | VALUE |
|-----------------------|----------------------------|
| Business Name | full_address |
| Technical name | |
| Activated | true |
| \$ref | #model/definitions/address |
| Reference type | model |
| Reference description | |

3.2.2.1.3.6 Attribute attributes

3.2.2.1.3.6.1 attributes Hierarchy

Parent Attribute: **businesses**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------------------|---------|-------|-----|-------------|----------|
| Accepts Credit Cards | boolean | false | | | |
| Accepts Insurance | boolean | false | | | |
| Alcohol | varchar | false | | | |
| Ambience | object | false | | | |
| Attire | varchar | false | | | |
| By Appointment Only | boolean | false | | | |
| BYOB/Corkage | varchar | false | | | |
| Caters | boolean | false | | | |
| Coat Check | boolean | false | | | |
| Delivery | boolean | false | | | |
| Dogs Allowed | boolean | false | | | |
| Drive-Thru | boolean | false | | | |
| Good For | object | false | | | |
| Good For Dancing | boolean | false | | | |
| Good For Groups | boolean | false | | | |
| Good for Kids | boolean | false | | | |
| Happy Hour | boolean | false | | | |
| Has TV | boolean | false | | | |
| Music | object | false | | | |
| Noise Level | varchar | false | | | |
| Open 24 Hours | boolean | false | | | |
| Order at Counter | boolean | false | | | |
| Outdoor Seating | boolean | false | | | |
| Parking | object | false | | | |
| Price Range | number | false | | | |
| Smoking | varchar | false | | | |
| Take-out | boolean | false | | | |
| Takes Reservations | boolean | false | | | |
| Waiter Service | boolean | false | | | |
| Wheelchair Accessible | boolean | false | | | |
| Wi-Fi | varchar | false | | | |

3.2.2.1.3.6.2 attributes properties

| PROPERTY | VALUE |
|-----------------------|------------|
| Business Name | attributes |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.7 Attribute Accepts Credit Cards

3.2.2.1.3.7.1 Accepts Credit Cards properties

| PROPERTY | VALUE |
|----------------|----------------------|
| Business Name | Accepts Credit Cards |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.8 Attribute Accepts Insurance

3.2.2.1.3.8.1 Accepts Insurance properties

| PROPERTY | VALUE |
|----------------|-------------------|
| Business Name | Accepts Insurance |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.9 Attribute Alcohol

3.2.2.1.3.9.1 Alcohol properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Alcohol |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Full bar |
| Examples | |
| Comments | |

3.2.2.1.3.10 Attribute Ambience

3.2.2.1.3.10.1 Ambience Hierarchy

Parent Attribute: **attributes**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| casual | boolean | false | | | |
| classy | boolean | false | | | |
| divey | boolean | false | | | |
| hipster | boolean | false | | | |
| intimate | boolean | false | | | |
| romantic | boolean | false | | | |
| touristy | boolean | false | | | |
| trendy | boolean | false | | | |
| upscale | boolean | false | | | |

3.2.2.1.3.10.2 Ambience properties

| PROPERTY | VALUE |
|-----------------------|----------|
| Business Name | Ambience |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.11 Attribute casual

3.2.2.1.3.11.1 casual properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | casual |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.12 Attribute classy

3.2.2.1.3.12.1 classy properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | classy |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.13 Attribute divey

3.2.2.1.3.13.1 divey properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | divey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.14 Attribute hipster

3.2.2.1.3.14.1 hipster properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | hipster |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.15 Attribute intimate

3.2.2.1.3.15.1 intimate properties

| PROPERTY | VALUE |
|----------------|----------|
| Business Name | intimate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.16 Attribute romantic

3.2.2.1.3.16.1 romantic properties

| PROPERTY | VALUE |
|----------------|----------|
| Business Name | romantic |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.17 Attribute touristy

3.2.2.1.3.17.1 touristy properties

| PROPERTY | VALUE |
|----------------|----------|
| Business Name | touristy |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.18 Attribute trendy

3.2.2.1.3.18.1 trendy properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | trendy |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.19 Attribute upscale

3.2.2.1.3.19.1 upscale properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | upscale |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.20 Attribute Attire

3.2.2.1.3.20.1 Attire properties

| PROPERTY | VALUE |
|----------------------|-------------|
| Business Name | Attire |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | Casual chic |
| Examples | |
| Comments | |

3.2.2.1.3.21 Attribute By Appointment Only

3.2.2.1.3.21.1 By Appointment Only properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | By Appointment Only |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.22 Attribute BYOB/Corkage

3.2.2.1.3.22.1 BYOB/Corkage properties

| PROPERTY | VALUE |
|----------------------|--------------|
| Business Name | BYOB/Corkage |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.23 Attribute Caters

3.2.2.1.3.23.1 Caters properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | Caters |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.24 Attribute Coat Check

3.2.2.1.3.24.1 Coat Check properties

| PROPERTY | VALUE |
|----------------|------------|
| Business Name | Coat Check |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.25 Attribute Delivery

3.2.2.1.3.25.1 Delivery properties

| PROPERTY | VALUE |
|----------------|----------|
| Business Name | Delivery |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.26 Attribute Dogs Allowed

3.2.2.1.3.26.1 Dogs Allowed properties

| PROPERTY | VALUE |
|----------------|--------------|
| Business Name | Dogs Allowed |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.27 Attribute Drive-Thru

3.2.2.1.3.27.1 Drive-Thru properties

| PROPERTY | VALUE |
|----------------|------------|
| Business Name | Drive-Thru |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.28 Attribute Good For

3.2.2.1.3.28.1 Good For Hierarchy

Parent Attribute: **attributes**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| breakfast | boolean | false | | | |
| brunch | boolean | false | | | |
| dessert | boolean | false | | | |
| dinner | boolean | false | | | |
| latenight | boolean | false | | | |
| lunch | boolean | false | | | |

3.2.2.1.3.28.2 Good For properties

| PROPERTY | VALUE |
|-----------------------|----------|
| Business Name | Good For |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.29 Attribute breakfast

3.2.2.1.3.29.1 breakfast properties

| PROPERTY | VALUE |
|----------------|-----------|
| Business Name | breakfast |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.30 Attribute brunch

3.2.2.1.3.30.1 brunch properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | brunch |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.31 Attribute dessert

3.2.2.1.3.31.1 dessert properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | dessert |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.32 Attribute dinner

3.2.2.1.3.32.1 dinner properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | dinner |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.33 Attribute latenight

3.2.2.1.3.33.1 latenight properties

| PROPERTY | VALUE |
|----------------|-----------|
| Business Name | latenight |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.34 Attribute lunch

3.2.2.1.3.34.1 lunch properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | lunch |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.35 Attribute Good For Dancing

3.2.2.1.3.35.1 Good For Dancing properties

| PROPERTY | VALUE |
|----------------|------------------|
| Business Name | Good For Dancing |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.36 Attribute Good For Groups

3.2.2.1.3.36.1 Good For Groups properties

| PROPERTY | VALUE |
|----------------|-----------------|
| Business Name | Good For Groups |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.37 Attribute Good for Kids

3.2.2.1.3.37.1 Good for Kids properties

| PROPERTY | VALUE |
|----------------|---------------|
| Business Name | Good for Kids |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.38 Attribute Happy Hour

3.2.2.1.3.38.1 Happy Hour properties

| PROPERTY | VALUE |
|----------------|------------|
| Business Name | Happy Hour |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.39 Attribute Has TV

3.2.2.1.3.39.1 Has TV properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | Has TV |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.40 Attribute Music

3.2.2.1.3.40.1 Music Hierarchy

Parent Attribute: **attributes**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|------------------|---------|-------|-----|-------------|----------|
| background_music | boolean | false | | | |
| dj | boolean | false | | | |
| jukebox | boolean | false | | | |
| karaoke | boolean | false | | | |
| live | boolean | false | | | |
| video | boolean | false | | | |

3.2.2.1.3.40.2 Music properties

| PROPERTY | VALUE |
|-----------------------|--------|
| Business Name | Music |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.41 Attribute background_music

3.2.2.1.3.41.1 background_music properties

| PROPERTY | VALUE |
|----------------|------------------|
| Business Name | background_music |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.42 Attribute dj

3.2.2.1.3.42.1 dj properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | dj |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.43 Attribute jukebox

3.2.2.1.3.43.1 jukebox properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | jukebox |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.44 Attribute karaoke

3.2.2.1.3.44.1 karaoke properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | karaoke |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.45 Attribute live

3.2.2.1.3.45.1 live properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | live |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.46 Attribute video

3.2.2.1.3.46.1 video properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | video |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.47 Attribute Noise Level

3.2.2.1.3.47.1 Noise Level properties

| PROPERTY | VALUE |
|----------------------|-------------|
| Business Name | Noise Level |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.48 Attribute Open 24 Hours

3.2.2.1.3.48.1 Open 24 Hours properties

| PROPERTY | VALUE |
|----------------|---------------|
| Business Name | Open 24 Hours |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.49 Attribute Order at Counter

3.2.2.1.3.49.1 Order at Counter properties

| PROPERTY | VALUE |
|----------------|------------------|
| Business Name | Order at Counter |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.50 Attribute Outdoor Seating

3.2.2.1.3.50.1 Outdoor Seating properties

| PROPERTY | VALUE |
|----------------|-----------------|
| Business Name | Outdoor Seating |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.51 Attribute Parking

3.2.2.1.3.51.1 Parking Hierarchy

Parent Attribute: **attributes**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| garage | boolean | false | | | |
| lot | boolean | false | | | |
| street | boolean | false | | | |
| valet | boolean | false | | | |
| validated | boolean | false | | | |

3.2.2.1.3.51.2 Parking properties

| PROPERTY | VALUE |
|-----------------------|---------|
| Business Name | Parking |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.52 Attribute garage

3.2.2.1.3.52.1 garage properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | garage |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.53 Attribute lot

3.2.2.1.3.53.1 lot properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | lot |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.54 Attribute street

3.2.2.1.3.54.1 street properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | street |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.55 Attribute valet

3.2.2.1.3.55.1 valet properties

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | valet |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.56 Attribute validated

3.2.2.1.3.56.1 validated properties

| PROPERTY | VALUE |
|----------------|-----------|
| Business Name | validated |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.57 Attribute Price Range

3.2.2.1.3.57.1 Price Range properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | Price Range |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.58 Attribute Smoking

3.2.2.1.3.58.1 Smoking properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | Smoking |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.59 Attribute Take-out

3.2.2.1.3.59.1 Take-out properties

| PROPERTY | VALUE |
|----------------|----------|
| Business Name | Take-out |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.60 Attribute Takes Reservations

3.2.2.1.3.60.1 Takes Reservations properties

| PROPERTY | VALUE |
|----------------|--------------------|
| Business Name | Takes Reservations |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.61 Attribute Waiter Service

3.2.2.1.3.61.1 Waiter Service properties

| PROPERTY | VALUE |
|----------------|----------------|
| Business Name | Waiter Service |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.62 Attribute Wheelchair Accessible

3.2.2.1.3.62.1 Wheelchair Accessible properties

| PROPERTY | VALUE |
|----------------|-----------------------|
| Business Name | Wheelchair Accessible |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.63 Attribute Wi-Fi

3.2.2.1.3.63.1 Wi-Fi properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | Wi-Fi |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.64 Attribute categories

3.2.2.1.3.64.1 categories Hierarchy

Parent Attribute: **businesses**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| [0] | varchar | false | | | |

3.2.2.1.3.64.2 categories properties

| PROPERTY | VALUE |
|-----------------------|------------|
| Business Name | categories |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | array |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | |
| Comments | |

3.2.2.1.3.65 Attribute [0]

3.2.2.1.3.65.1 [0] properties

| PROPERTY | VALUE |
|----------------------|---------|
| Technical name | |
| Display name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.66 Attribute hours

3.2.2.1.3.66.1 hours Hierarchy

Parent Attribute: **businesses**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|--------|-------|-----|-------------|----------|
| Friday | object | false | | | |
| Monday | object | false | | | |
| Saturday | object | false | | | |
| Sunday | object | false | | | |
| Thursday | object | false | | | |
| Tuesday | object | false | | | |
| Wednesday | object | false | | | |

3.2.2.1.3.66.2 hours properties

| PROPERTY | VALUE |
|-----------------------|--------|
| Business Name | hours |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.67 Attribute Friday

3.2.2.1.3.67.1 Friday Hierarchy

Parent Attribute: **hours**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| close | varchar | false | | | |
| open | varchar | false | | | |

3.2.2.1.3.67.2 Friday properties

| PROPERTY | VALUE |
|-----------------------|--------|
| Business Name | Friday |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.68 Attribute close

3.2.2.1.3.68.1 close properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | close |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.69 Attribute open

3.2.2.1.3.69.1 open properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | open |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.70 Attribute Monday

3.2.2.1.3.70.1 Monday Hierarchy

Parent Attribute: **hours**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| close | varchar | false | | | |
| open | varchar | false | | | |

3.2.2.1.3.70.2 Monday properties

| PROPERTY | VALUE |
|-----------------------|--------|
| Business Name | Monday |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.71 Attribute close

3.2.2.1.3.71.1 close properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | close |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.72 Attribute open

3.2.2.1.3.72.1 open properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | open |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.73 Attribute Saturday

3.2.2.1.3.73.1 Saturday Hierarchy

Parent Attribute: **hours**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| close | varchar | false | | | |
| open | varchar | false | | | |

3.2.2.1.3.73.2 Saturday properties

| PROPERTY | VALUE |
|-----------------------|----------|
| Business Name | Saturday |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.74 Attribute close

3.2.2.1.3.74.1 close properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | close |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.75 Attribute open

3.2.2.1.3.75.1 open properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | open |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.76 Attribute Sunday

3.2.2.1.3.76.1 Sunday Hierarchy

Parent Attribute: **hours**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| close | varchar | false | | | |
| open | varchar | false | | | |

3.2.2.1.3.76.2 Sunday properties

| PROPERTY | VALUE |
|-----------------------|--------|
| Business Name | Sunday |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.77 Attribute close

3.2.2.1.3.77.1 close properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | close |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.78 Attribute open

3.2.2.1.3.78.1 open properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | open |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.79 Attribute Thursday

3.2.2.1.3.79.1 Thursday Hierarchy

Parent Attribute: **hours**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| close | varchar | false | | | |
| open | varchar | false | | | |

3.2.2.1.3.79.2 Thursday properties

| PROPERTY | VALUE |
|-----------------------|----------|
| Business Name | Thursday |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.80 Attribute close

3.2.2.1.3.80.1 close properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | close |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.81 Attribute open

3.2.2.1.3.81.1 open properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | open |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.82 Attribute Tuesday

3.2.2.1.3.82.1 Tuesday Hierarchy

Parent Attribute: **hours**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| close | varchar | false | | | |
| open | varchar | false | | | |

3.2.2.1.3.82.2 Tuesday properties

| PROPERTY | VALUE |
|-----------------------|---------|
| Business Name | Tuesday |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.83 Attribute close

3.2.2.1.3.83.1 close properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | close |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.84 Attribute open

3.2.2.1.3.84.1 open properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | open |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.85 Attribute Wednesday

3.2.2.1.3.85.1 Wednesday Hierarchy

Parent Attribute: **hours**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| close | varchar | false | | | |
| open | varchar | false | | | |

3.2.2.1.3.85.2 Wednesday properties

| PROPERTY | VALUE |
|-----------------------|-----------|
| Business Name | Wednesday |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.1.3.86 Attribute close

3.2.2.1.3.86.1 close properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | close |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.87 Attribute open

3.2.2.1.3.87.1 open properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | open |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.88 Attribute latitude

3.2.2.1.3.88.1 latitude properties

| PROPERTY | VALUE |
|-------------------|----------|
| Business Name | latitude |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.89 Attribute longitude

3.2.2.1.3.89.1 longitude properties

| PROPERTY | VALUE |
|-------------------|-----------|
| Business Name | longitude |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.90 Attribute neighborhoods

3.2.2.1.3.90.1 neighborhoods Hierarchy

Parent Attribute: **businesses**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| [0] | varchar | false | | | |

3.2.2.1.3.90.2 neighborhoods properties

| PROPERTY | VALUE |
|-----------------------|---------------|
| Business Name | neighborhoods |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | array |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | |
| Comments | |

3.2.2.1.3.91 Attribute [0]

3.2.2.1.3.91.1 [0] properties

| PROPERTY | VALUE |
|----------------------|---------|
| Technical name | |
| Display name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.92 Attribute open**3.2.2.1.3.92.1 open properties**

| PROPERTY | VALUE |
|----------------|---------|
| Business Name | open |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | boolean |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Default | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.93 Attribute review_count

3.2.2.1.3.93.1 review_count properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | review_count |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 0 |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.94 Attribute stars

3.2.2.1.3.94.1 stars properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | stars |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 1 |
| Excl min | |
| Max value | 5 |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.3.95 Attribute type

3.2.2.1.3.95.1 type properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | type |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.1.4 businesses Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.2.2.1.5 businesses JSON Schema

```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "businesses",  
  "additionalProperties": true,  
  "properties": {  
    "business_id": {  
      "type": "string",  
      "description": "Unique key for businesses",  
      "pattern": "^[a-fA-F0-9]{24}$"  
    },  
    "name": {  
      "type": "string"  
    },  
    "phoneNumber": {  
      "type": "string"  
    },  
    "business_address": {  
      "$ref": "#model/definitions/address"  
    },  
    "full_address": {  
      "$ref": "#model/definitions/address"  
    },  
    "attributes": {  
      "type": "object",  
      "additionalProperties": true,  
      "properties": {  
        "Accepts Credit Cards": {  
          "type": "boolean"  
        },  
        "Accepts Insurance": {  
          "type": "boolean"  
        },  
        "Alcohol": {  
          "type": "string"  
        },  
        "Ambience": {  
          "type": "object",  
          "additionalProperties": true,  
          "properties": {  
            "casual": {  
              "type": "boolean"  
            },  
            "classy": {  
              "type": "boolean"  
            },  
            "divey": {  
              "type": "boolean"  
            },  
            "hipster": {  
              "type": "boolean"  
            },  
            "intimate": {  
              "type": "boolean"  
            },  
            "romantic": {  
              "type": "boolean"  
            },  
            "touristy": {  
              "type": "boolean"  
            }  
          }  
        }  
      }  
    }  
  }  
}
```

```
,  
  "trendy": {  
    "type": "boolean"  
  },  
  "upscale": {  
    "type": "boolean"  
  }  
}  
},  
"Attire": {  
  "type": "string"  
},  
"By Appointment Only": {  
  "type": "boolean"  
},  
"BYOB/Corkage": {  
  "type": "string"  
},  
"Caters": {  
  "type": "boolean"  
},  
"Coat Check": {  
  "type": "boolean"  
},  
"Delivery": {  
  "type": "boolean"  
},  
"Dogs Allowed": {  
  "type": "boolean"  
},  
"Drive-Thru": {  
  "type": "boolean"  
},  
"Good For": {  
  "type": "object",  
  "additionalProperties": true,  
  "properties": {  
    "breakfast": {  
      "type": "boolean"  
    },  
    "brunch": {  
      "type": "boolean"  
    },  
    "dessert": {  
      "type": "boolean"  
    },  
    "dinner": {  
      "type": "boolean"  
    },  
    "latenight": {  
      "type": "boolean"  
    },  
    "lunch": {  
      "type": "boolean"  
    }  
  }  
},  
"Good For Dancing": {  
  "type": "boolean"  
},  
"Good For Groups": {
```

```
"type": "boolean"
},
"Good for Kids": {
  "type": "boolean"
},
"Happy Hour": {
  "type": "boolean"
},
"Has TV": {
  "type": "boolean"
},
"Music": {
  "type": "object",
  "additionalProperties": true,
  "properties": {
    "background_music": {
      "type": "boolean"
    },
    "dj": {
      "type": "boolean"
    },
    "jukebox": {
      "type": "boolean"
    },
    "karaoke": {
      "type": "boolean"
    },
    "live": {
      "type": "boolean"
    },
    "video": {
      "type": "boolean"
    }
  }
},
"Noise Level": {
  "type": "string"
},
"Open 24 Hours": {
  "type": "boolean"
},
"Order at Counter": {
  "type": "boolean"
},
"Outdoor Seating": {
  "type": "boolean"
},
"Parking": {
  "type": "object",
  "additionalProperties": true,
  "properties": {
    "garage": {
      "type": "boolean"
    },
    "lot": {
      "type": "boolean"
    },
    "street": {
      "type": "boolean"
    },
    "valet": {
      "type": "boolean"
    }
  }
}
```

```
        "type": "boolean"
    },
    "validated": {
        "type": "boolean"
    }
}
},
"Price Range": {
    "type": "number"
},
"Smoking": {
    "type": "string"
},
"Take-out": {
    "type": "boolean"
},
"Takes Reservations": {
    "type": "boolean"
},
"Waiter Service": {
    "type": "boolean"
},
"Wheelchair Accessible": {
    "type": "boolean"
},
"Wi-Fi": {
    "type": "string"
}
}
},
"categories": {
    "type": "array",
    "items": {
        "type": "string"
    }
},
"hours": {
    "type": "object",
    "additionalProperties": true,
    "properties": {
        "Friday": {
            "type": "object",
            "additionalProperties": true,
            "properties": {
                "close": {
                    "type": "string"
                },
                "open": {
                    "type": "string"
                }
            }
        },
        "Monday": {
            "type": "object",
            "additionalProperties": true,
            "properties": {
                "close": {
                    "type": "string"
                },
                "open": {
                    "type": "string"
                }
            }
        }
    }
}
```

```
        }
    },
},
"Saturday": {
    "type": "object",
    "additionalProperties": true,
    "properties": {
        "close": {
            "type": "string"
        },
        "open": {
            "type": "string"
        }
    }
},
"Sunday": {
    "type": "object",
    "additionalProperties": true,
    "properties": {
        "close": {
            "type": "string"
        },
        "open": {
            "type": "string"
        }
    }
},
"Thursday": {
    "type": "object",
    "additionalProperties": true,
    "properties": {
        "close": {
            "type": "string"
        },
        "open": {
            "type": "string"
        }
    }
},
"Tuesday": {
    "type": "object",
    "additionalProperties": true,
    "properties": {
        "close": {
            "type": "string"
        },
        "open": {
            "type": "string"
        }
    }
},
"Wednesday": {
    "type": "object",
    "additionalProperties": true,
    "properties": {
        "close": {
            "type": "string"
        },
        "open": {
            "type": "string"
        }
    }
}
```

```
        }
    },
},
"latitude": {
    "type": "number"
},
"longitude": {
    "type": "number"
},
"neighborhoods": {
    "type": "array",
    "items": {
        "type": "string"
    }
},
"open": {
    "type": "boolean"
},
"review_count": {
    "type": "number",
    "minimum": 0
},
"stars": {
    "type": "number",
    "minimum": 1,
    "maximum": 5
},
"type": {
    "type": "string"
},
},
"required": [
    "business_id"
]
}
```

3.2.2.1.6 businesses JSON data

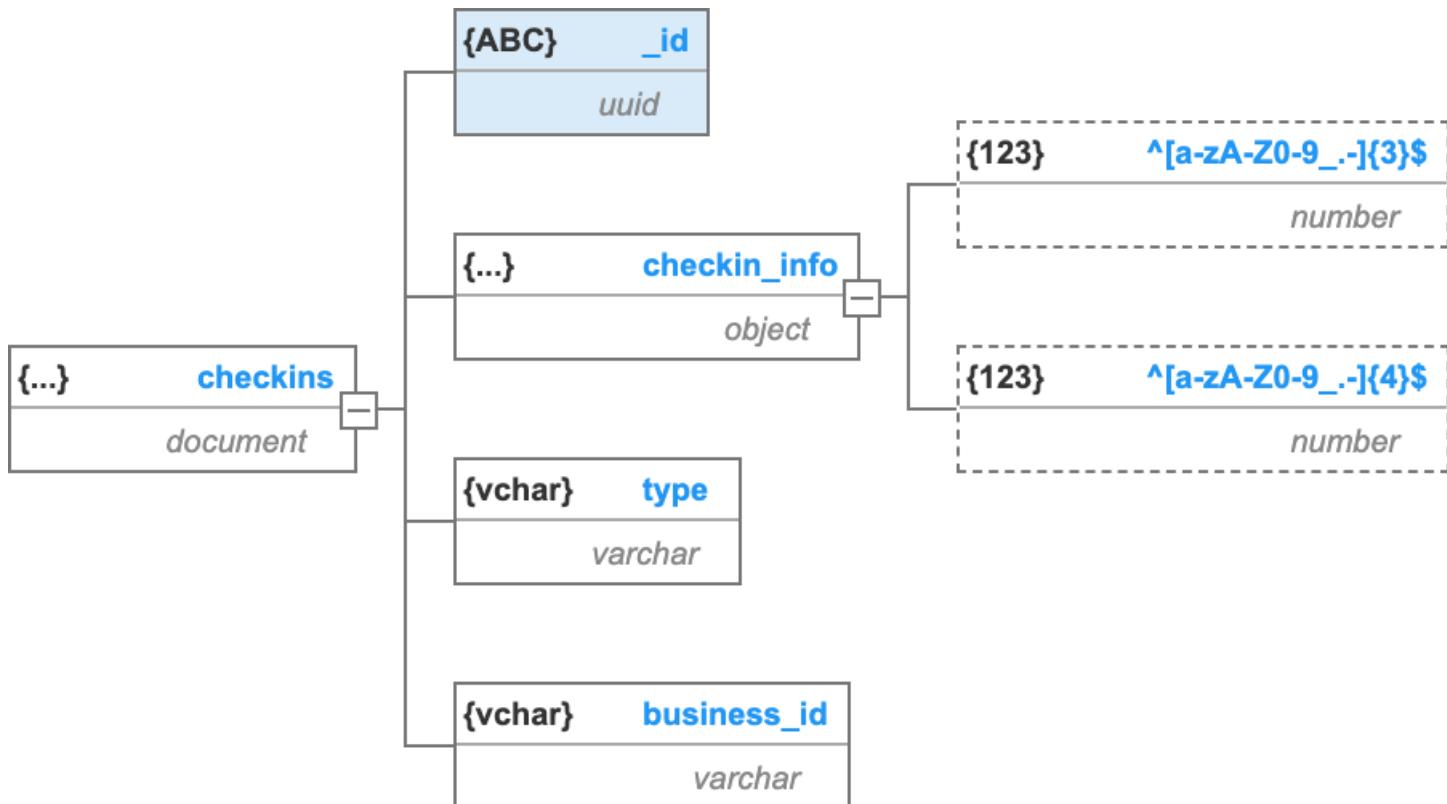
```
{  
  "business_id": "50554d6e-29bb-11e5-b345-feff819cdc9e",  
  "name": "Waters Inc",  
  "phoneNumber": "+1-469-269-1028",  
  "business_address": {  
    "houseNum": "3337",  
    "street": "Greenholt Keys",  
    "box": "Suite 358",  
    "city": "Fort Breana",  
    "state": "VT",  
    "zip": "39322"  
  },  
  "full_address": {  
    "houseNum": "50649",  
    "street": "McDermott Light",  
    "box": "Apt. 785",  
    "city": "New Don",  
    "state": "NM",  
    "zip": "10574"  
  },  
  "attributes": {  
    "Accepts Credit Cards": true,  
    "Accepts Insurance": true,  
    "Alcohol": "Full bar",  
    "Ambience": {  
      "casual": true,  
      "classy": true,  
      "divey": true,  
      "hipster": true,  
      "intimate": true,  
      "romantic": true,  
      "touristy": true,  
      "trendy": true,  
      "upscale": true  
    },  
    "Attire": "Casual chic",  
    "By Appointment Only": true,  
    "BYOB/Corkage": "Lorem",  
    "Caters": true,  
    "Coat Check": true,  
    "Delivery": true,  
    "Dogs Allowed": true,  
    "Drive-Thru": true,  
    "Good For": {  
      "breakfast": true,  
      "brunch": true,  
      "dessert": true,  
      "dinner": true,  
      "lunch": true,  
      "lunch": true  
    },  
    "Good For Dancing": true,  
    "Good For Groups": true,  
    "Good for Kids": true,  
    "Happy Hour": true,  
    "Has TV": true,  
    "Music": {  
      "background_music": true,  
      "dj": true,  
      "jukebox": true,  
      "jukebox": true  
    }  
  }  
}
```

```
"karaoke": true,  
"live": true,  
"video": true  
},  
"Noise Level": "Lorem",  
"Open 24 Hours": true,  
"Order at Counter": true,  
"Outdoor Seating": true,  
"Parking": {  
    "garage": true,  
    "lot": true,  
    "street": true,  
    "valet": true,  
    "validated": true  
},  
"Price Range": -59,  
"Smoking": "Lorem",  
"Take-out": true,  
"Takes Reservations": true,  
"Waiter Service": true,  
"Wheelchair Accessible": true,  
"Wi-Fi": "Lorem"  
},  
"categories": [  
    "Lorem"  
],  
"hours": {  
    "Friday": {  
        "close": "Lorem",  
        "open": "Lorem"  
    },  
    "Monday": {  
        "close": "Lorem",  
        "open": "Lorem"  
    },  
    "Saturday": {  
        "close": "Lorem",  
        "open": "Lorem"  
    },  
    "Sunday": {  
        "close": "Lorem",  
        "open": "Lorem"  
    },  
    "Thursday": {  
        "close": "Lorem",  
        "open": "Lorem"  
    },  
    "Tuesday": {  
        "close": "Lorem",  
        "open": "Lorem"  
    },  
    "Wednesday": {  
        "close": "Lorem",  
        "open": "Lorem"  
    }  
},  
"latitude": -54,  
"longitude": 34,  
"neighborhoods": [  
    "Lorem"  
],
```

```
"open": true,
"review_count": 47,
"stars": 3,
"type": "Lorem"
}
```

3.2.2.2 Entity checkins

3.2.2.2.1 checkins Tree Diagram



3.2.2.2.2 checkins Properties

| PROPERTY | VALUE |
|-----------------------|----------|
| Entity name | checkins |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | yelp |
| Parent entity | |
| Child entity | |
| Additional properties | true |
| Examples | |
| Comments | |

3.2.2.2.3 checkins Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------------|---------|-------|-----|-------------|----------|
| _id | uuid | true | pk | | |
| checkin_info | object | true | | | |
| ^[a-zA-Z0-9_.-]{3}\$ | numeric | false | | | |
| ^[a-zA-Z0-9_.-]{4}\$ | numeric | false | | | |
| type | string | true | | | |
| business_id | string | true | fk | | |

3.2.2.2.3.1 Attribute _id

3.2.2.2.3.1.1 _id properties

| PROPERTY | VALUE |
|-------------------|-------|
| Business Name | _id |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | uuid |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Enum | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.2.3.2 Attribute checkin_info

3.2.2.2.3.2.1 checkin_info Hierarchy

Parent Attribute: **checkins**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------------|--------|-------|-----|-------------|----------|
| ^[a-zA-Z0-9_.-]{3}\$ | number | false | | | |
| ^[a-zA-Z0-9_.-]{4}\$ | number | false | | | |

3.2.2.2.3.2.2 checkin_info properties

| PROPERTY | VALUE |
|-----------------------|--------------|
| Business Name | checkin_info |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Additional properties | false |
| Comments | |

3.2.2.2.3.3 Attribute ^[a-zA-Z0-9_-]{3}\$

3.2.2.2.3.3.1 ^[a-zA-Z0-9_-]{3}\$ properties

| PROPERTY | VALUE |
|-------------------|---------------------|
| Business Name | ^[a-zA-Z0-9_-]{3}\$ |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.2.3.4 Attribute ^[a-zA-Z0-9_-]{4}\$

3.2.2.2.3.4.1 ^[a-zA-Z0-9_-]{4}\$ properties

| PROPERTY | VALUE |
|-------------------|---------------------|
| Business Name | ^[a-zA-Z0-9_-]{4}\$ |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.2.3.5 Attribute type

3.2.2.2.3.5.1 type properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | type |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | checkin |
| Examples | |
| Comments | |

3.2.2.2.3.6 Attribute business_id

3.2.2.3.6.1 business_id properties

| PROPERTY | VALUE |
|----------------------|------------------------|
| Business Name | business_id |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | businesses |
| Foreign field | business_id |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | eFA9dqXT5EA_TrMgbo03QQ |
| Examples | |
| Comments | |

3.2.2.4 checkins Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.2.2.5 checkins JSON Schema

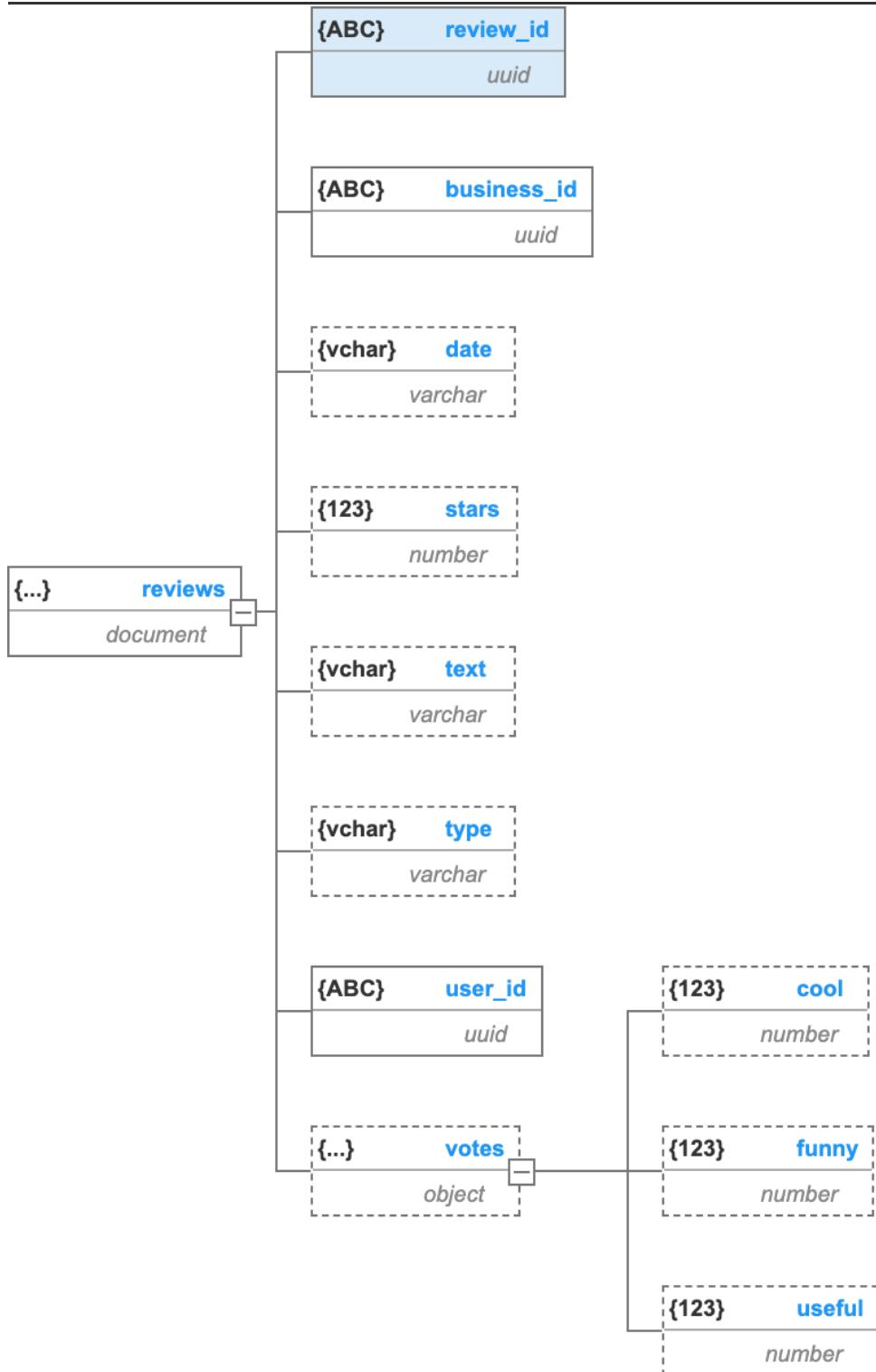
```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "checkins",
  "additionalProperties": true,
  "properties": {
    "_id": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "checkin_info": {
      "type": "object",
      "additionalProperties": false,
      "properties": {
        "^[a-zA-Z0_-]{3}$": {
          "type": "number"
        },
        "^[a-zA-Z0_-]{4}$": {
          "type": "number"
        }
      }
    },
    "type": {
      "type": "string"
    },
    "business_id": {
      "type": "string"
    }
  },
  "required": [
    "_id",
    "checkin_info",
    "type",
    "business_id"
  ]
}
```

3.2.2.6 checkins JSON data

```
{
  "_id": "50554d6e-29bb-11e5-b345-feff819cdc9e",
  "checkin_info": {
    "^[a-zA-Z0_-]{3}$": -29,
    "^[a-zA-Z0_-]{4}$": -41
  },
  "type": "checkin",
  "business_id": "eFA9dqXT5EA_TrMgbo03QQ"
}
```

3.2.2.3 Entity reviews

3.2.2.3.1 reviews Tree Diagram



3.2.2.3.2 reviews Properties

| PROPERTY | VALUE |
|-----------------------|---------|
| Entity name | reviews |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | yelp |
| Parent entity | |
| Child entity | |
| Additional properties | true |
| Examples | |
| Comments | |

3.2.2.3.3 reviews Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-------------|---------|-------|-----|-------------|----------|
| review_id | uuid | true | pk | | |
| business_id | uuid | true | fk | | |
| date | string | false | | | |
| stars | numeric | false | | | |
| text | string | false | | | |
| type | string | false | | | |
| user_id | uuid | true | fk | | |
| votes | object | false | | | |
| cool | numeric | false | | | |
| funny | numeric | false | | | |
| useful | numeric | false | | | |

3.2.2.3.3.1 Attribute review_id

3.2.2.3.3.1.1 review_id properties

| PROPERTY | VALUE |
|-------------------|-----------|
| Business Name | review_id |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | uuid |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Enum | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.3.3.2 Attribute business_id

3.2.2.3.3.2.1 business_id properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | business_id |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | uuid |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | businesses |
| Foreign field | business_id |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default | |
| Enum | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.3.3.3 Attribute date

3.2.2.3.3.3.1 date properties

| PROPERTY | VALUE |
|----------------------|-------------------|
| Business Name | date |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.date.past() |
| Sample | |
| Examples | |
| Comments | |

3.2.2.3.3.4 Attribute stars

3.2.2.3.3.4.1 stars properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | stars |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 1 |
| Excl min | |
| Max value | 5 |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.3.3.5 Attribute text

3.2.2.3.3.5.1 text properties

| PROPERTY | VALUE |
|----------------------|---------------------------|
| Business Name | text |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.lorem.paragraphs(3) |
| Sample | |
| Examples | |
| Comments | |

3.2.2.3.3.6 Attribute type

3.2.2.3.3.6.1 type properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | type |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.3.3.7 Attribute user_id

3.2.2.3.3.7.1 user_id properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | user_id |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | uuid |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | users |
| Foreign field | user_id |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default | |
| Enum | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.3.3.8 Attribute votes

3.2.2.3.3.8.1 votes Hierarchy

Parent Attribute: **reviews**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|--------|-------|-----|-------------|----------|
| cool | number | false | | | |
| funny | number | false | | | |
| useful | number | false | | | |

3.2.2.3.3.8.2 votes properties

| PROPERTY | VALUE |
|-----------------------|--------|
| Business Name | votes |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.3.3.9 Attribute cool

3.2.2.3.3.9.1 cool properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | cool |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 0 |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.3.3.10 Attribute funny

3.2.2.3.3.10.1 funny properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | funny |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 0 |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.3.3.11 Attribute useful

3.2.2.3.3.11.1 useful properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | useful |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 0 |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.3.4 reviews Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.2.2.3.5 reviews JSON Schema

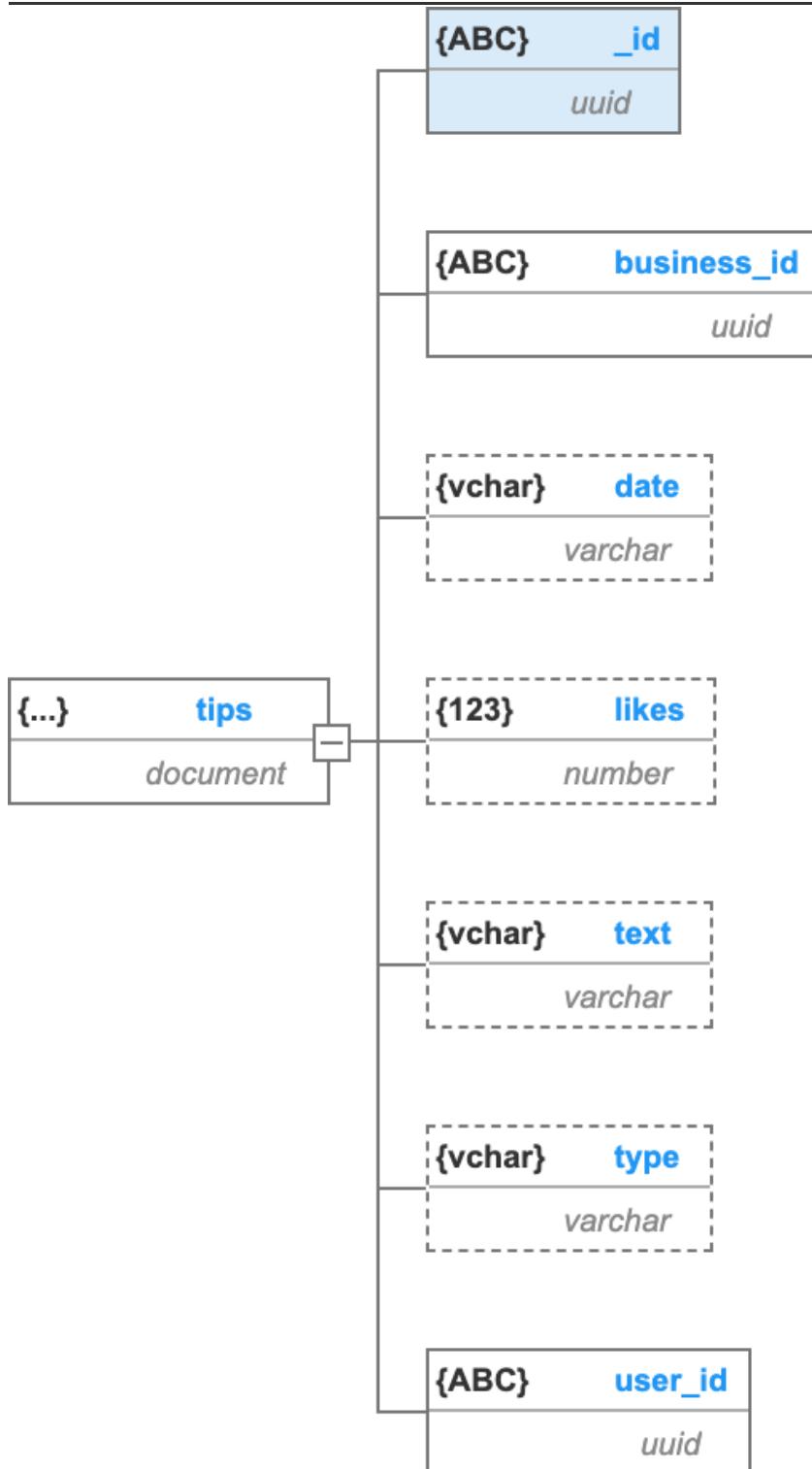
```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "reviews",  
  "additionalProperties": true,  
  "properties": {  
    "review_id": {  
      "type": "string",  
      "pattern": "^[a-fA-F0-9]{24}$"  
    },  
    "business_id": {  
      "type": "string",  
      "pattern": "^[a-fA-F0-9]{24}$"  
    },  
    "date": {  
      "type": "string"  
    },  
    "stars": {  
      "type": "number",  
      "minimum": 1,  
      "maximum": 5  
    },  
    "text": {  
      "type": "string"  
    },  
    "type": {  
      "type": "string"  
    },  
    "user_id": {  
      "type": "string",  
      "pattern": "^[a-fA-F0-9]{24}$"  
    },  
    "votes": {  
      "type": "object",  
      "additionalProperties": true,  
      "properties": {  
        "cool": {  
          "type": "number",  
          "minimum": 0  
        },  
        "funny": {  
          "type": "number",  
          "minimum": 0  
        },  
        "useful": {  
          "type": "number",  
          "minimum": 0  
        }  
      }  
    },  
    "required": [  
      "review_id",  
      "business_id",  
      "user_id"  
    ]  
  }  
}
```

3.2.2.3.6 reviews JSON data

```
{  
  "review_id": "50554d6e-29bb-11e5-b345-feff819cdc9e",  
  "business_id": "50554d6e-29bb-11e5-b345-feff819cdc9e",  
  "date": "Tue Mar 28 2023 08:56:46 GMT+0200 (Central European Summer Time)",  
  "stars": 3,  
  "text": "Temporibus asperiores earum magni. Magnam doloremque rerum omnis recusandae nulla neque architecto maiores quisquam. Recusandae pariatur ab sunt nobis praesentium ipsa officia temporibus. Molestiae animi tenetur ab voluptas quos vitae dolores voluptate deserunt. Incidunt esse dolore.\nCommodi recusandae natus architecto quibusdam placeat amet. Autem provident quos modi. Odit ratione illo quidem pariatur.\nExpedita unde tempore corrupti nobis. Libero deleniti nesciunt exercitationem libero vitae ipsa omnis deserunt nobis. Deleniti a eos et.",  
  "type": "Lorem",  
  "user_id": "50554d6e-29bb-11e5-b345-feff819cdc9e",  
  "votes": {  
    "cool": 84,  
    "funny": 35,  
    "useful": 3  
  }  
}
```

3.2.2.4 Entity tips

3.2.2.4.1 tips Tree Diagram



3.2.2.4.2 tips Properties

| PROPERTY | VALUE |
|-----------------------|-------|
| Entity name | tips |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | |
| Container | yelp |
| Parent entity | |
| Child entity | |
| Additional properties | true |
| Examples | |
| Comments | |

3.2.2.4.3 tips Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-------------|---------|-------|-----|-------------|----------|
| _id | uuid | true | pk | | |
| business_id | uuid | true | fk | | |
| date | string | false | | | |
| likes | numeric | false | | | |
| text | string | false | | | |
| type | string | false | | | |
| user_id | uuid | true | fk | | |

3.2.2.4.3.1 Attribute _id

3.2.2.4.3.1.1 _id properties

| PROPERTY | VALUE |
|-------------------|-------|
| Business Name | _id |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | uuid |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Enum | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.4.3.2 Attribute business_id

3.2.2.4.3.2.1 business_id properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | business_id |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | uuid |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | businesses |
| Foreign field | business_id |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default | |
| Enum | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.4.3.3 Attribute date

3.2.2.4.3.3.1 date properties

| PROPERTY | VALUE |
|----------------------|-------------------|
| Business Name | date |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.date.past() |
| Sample | |
| Examples | |
| Comments | |

3.2.2.4.3.4 Attribute likes

3.2.2.4.3.4.1 likes properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | likes |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.4.3.5 Attribute text

3.2.2.4.3.5.1 text properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | text |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.4.3.6 Attribute type

3.2.2.4.3.6.1 type properties

| PROPERTY | VALUE |
|----------------------|---------|
| Business Name | type |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.4.3.7 Attribute user_id

3.2.2.4.3.7.1 user_id properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | user_id |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | uuid |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | users |
| Foreign field | user_id |
| Relationship type | Foreign Key |
| Relationship name | |
| Cardinality | |
| Default | |
| Enum | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.4.4 tips Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.2.2.4.5 tips JSON Schema

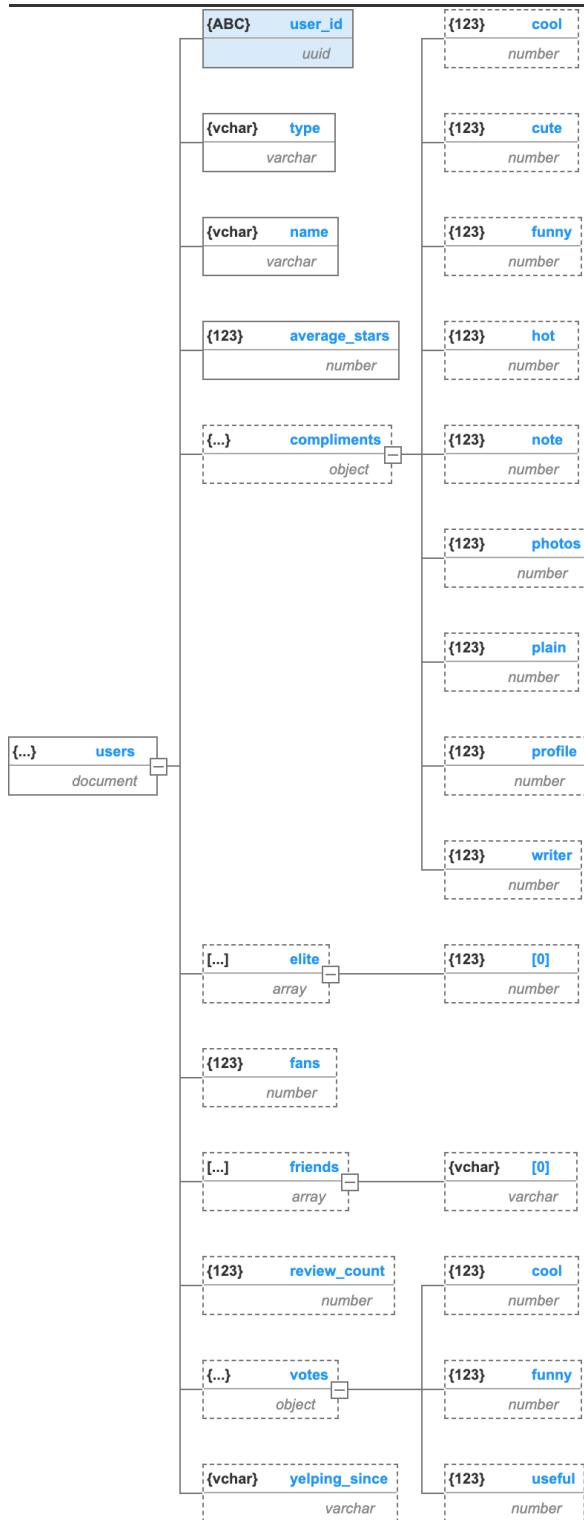
```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "tips",
  "additionalProperties": true,
  "properties": {
    "_id": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "business_id": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    },
    "date": {
      "type": "string"
    },
    "likes": {
      "type": "number"
    },
    "text": {
      "type": "string"
    },
    "type": {
      "type": "string"
    },
    "user_id": {
      "type": "string",
      "pattern": "^[a-fA-F0-9]{24}$"
    }
  },
  "required": [
    "_id",
    "business_id",
    "user_id"
  ]
}
```

3.2.2.4.6 tips JSON data

```
{
  "_id": "50554d6e-29bb-11e5-b345-feff819cdc9e",
  "business_id": "50554d6e-29bb-11e5-b345-feff819cdc9e",
  "date": "Mon Sep 05 2022 05:00:49 GMT+0200 (Central European Summer Time)",
  "likes": -6,
  "text": "Lorem",
  "type": "Lorem",
  "user_id": "50554d6e-29bb-11e5-b345-feff819cdc9e"
}
```

3.2.2.5 Entity users

3.2.2.5.1 users Tree Diagram



3.2.2.5.2 users Properties

| PROPERTY | VALUE |
|-----------------------|----------------------|
| Entity name | users |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| \$ref | |
| Description | Users description |
| Container | yelp |
| Parent entity | |
| Child entity | |
| Additional properties | true |
| Examples | |
| Comments | |

3.2.2.5.3 users Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---------------|---------|-------|-----------|---------------------------|---|
| user_id | uuid | true | pk, dk | | |
| type | string | true | | | |
| name | string | true | | First name plus surname | Fri Sep 15 2017 17:31:32 GMT+0200 (Romance Summer Time): MongoDB Demo |
| average_stars | numeric | true | | Star rating: from 1 to 5. | |
| compliments | object | false | | | |
| cool | numeric | false | | | |
| cute | numeric | false | | | |
| funny | numeric | false | | | |
| hot | numeric | false | | | |
| note | numeric | false | | | |
| photos | numeric | false | | | |
| plain | numeric | false | | | |
| profile | numeric | false | | | |
| writer | numeric | false | | | |
| elite | array | false | | | |
| [0] | numeric | false | | | |
| fans | numeric | false | | | |
| friends | array | false | | | |
| [0] | string | false | | | |
| review_count | numeric | false | | | |
| votes | object | false | | | |
| cool | numeric | false | | | |
| funny | numeric | false | | | |
| useful | numeric | false | | | |
| yelping_since | string | false | | | |

3.2.2.5.3.1 Attribute user_id

3.2.2.5.3.1.1 user_id properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | user_id |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | uuid |
| Description | |
| Dependencies | |
| Primary key | true |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Enum | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.2 Attribute type

3.2.2.5.3.2.1 type properties

| PROPERTY | VALUE |
|----------------------|-------------------|
| Business Name | type |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | user,owner,tester |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.3 Attribute name

3.2.2.5.3.3.1 name properties

| PROPERTY | VALUE |
|----------------------|---|
| Business Name | name |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | First name plus surname |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | '\${faker.name.firstName()} \${faker.name.lastName()}' |
| Sample | John Doe |
| Examples | |
| Comments | Fri Sep 15 2017 17:31:32 GMT+0200 (Romance Summer Time): MongoDB Demo |

3.2.2.5.3.4 Attribute average_stars

3.2.2.5.3.4.1 average_stars properties

| PROPERTY | VALUE |
|-------------------|---------------------------|
| Business Name | average_stars |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | Star rating: from 1 to 5. |
| Dependencies | |
| Primary key | |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | stars |
| Min value | 1 |
| Excl min | |
| Max value | 5 |
| Excl max | false |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | 3 |
| Examples | |
| Comments | |

3.2.2.5.3.5 Attribute compliments

3.2.2.5.3.5.1 compliments Hierarchy

Parent Attribute: **users**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|--------|-------|-----|-------------|----------|
| cool | number | false | | | |
| cute | number | false | | | |
| funny | number | false | | | |
| hot | number | false | | | |
| note | number | false | | | |
| photos | number | false | | | |
| plain | number | false | | | |
| profile | number | false | | | |
| writer | number | false | | | |

3.2.2.5.3.5.2 compliments properties

| PROPERTY | VALUE |
|-----------------------|-------------|
| Business Name | compliments |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.5.3.6 Attribute cool

3.2.2.5.3.6.1 cool properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | cool |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 1 |
| Excl min | |
| Max value | 5 |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.7 Attribute cute

3.2.2.5.3.7.1 cute properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | cute |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 1 |
| Excl min | |
| Max value | 5 |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.8 Attribute funny

3.2.2.5.3.8.1 funny properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | funny |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 1 |
| Excl min | |
| Max value | 5 |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.9 Attribute hot

3.2.2.5.3.9.1 hot properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | hot |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 1 |
| Excl min | |
| Max value | 5 |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.10 Attribute note

3.2.2.5.3.10.1 note properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | note |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 1 |
| Excl min | |
| Max value | 5 |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.11 Attribute photos

3.2.2.5.3.11.1 photos properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | photos |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 1 |
| Excl min | |
| Max value | 5 |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.12 Attribute plain

3.2.2.5.3.12.1 plain properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | plain |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 1 |
| Excl min | |
| Max value | 5 |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.13 Attribute profile

3.2.2.5.3.13.1 profile properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | profile |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 1 |
| Excl min | |
| Max value | 5 |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.14 Attribute writer

3.2.2.5.3.14.1 writer properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | writer |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 1 |
| Excl min | |
| Max value | 5 |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.15 Attribute elite

3.2.2.5.3.15.1 elite Hierarchy

Parent Attribute: **users**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|--------|-------|-----|-------------|----------|
| [0] | number | false | | | |

3.2.2.5.3.15.2 elite properties

| PROPERTY | VALUE |
|-----------------------|-------|
| Business Name | elite |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | array |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | |
| Comments | |

3.2.2.5.3.16 Attribute [0]

3.2.2.5.3.16.1 [0] properties

| PROPERTY | VALUE |
|-------------------|---------|
| Technical name | |
| Display name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.17 Attribute fans

3.2.2.5.3.17.1 fans properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | fans |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 0 |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.18 Attribute friends

3.2.2.5.3.18.1 friends Hierarchy

Parent Attribute: **users**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|---------|-------|-----|-------------|----------|
| [0] | varchar | false | | | |

3.2.2.5.3.18.2 friends properties

| PROPERTY | VALUE |
|-----------------------|---------|
| Business Name | friends |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | array |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | |
| Comments | |

3.2.2.5.3.19 Attribute [0]

3.2.2.5.3.19.1 [0] properties

| PROPERTY | VALUE |
|----------------------|-----------------------|
| Technical name | |
| Display name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.name.fullName() |
| Sample | Jane Doe |
| Examples | |
| Comments | |

3.2.2.5.3.20 Attribute review_count

3.2.2.5.3.20.1 review_count properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | review_count |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 0 |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.21 Attribute votes

3.2.2.5.3.21.1 votes Hierarchy

Parent Attribute: **users**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|--------|-------|-----|-------------|----------|
| cool | number | false | | | |
| funny | number | false | | | |
| useful | number | false | | | |

3.2.2.5.3.21.2 votes properties

| PROPERTY | VALUE |
|-----------------------|--------|
| Business Name | votes |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | true |
| Comments | |

3.2.2.5.3.22 Attribute cool

3.2.2.5.3.22.1 cool properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | cool |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 0 |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.23 Attribute funny

3.2.2.5.3.23.1 funny properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | funny |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 0 |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.24 Attribute useful

3.2.2.5.3.24.1 useful properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | useful |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | number |
| Synonym | numeric |
| Precision | |
| Scale | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | 0 |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.3.25 Attribute yelping_since

3.2.2.5.3.25.1 yelping_since properties

| PROPERTY | VALUE |
|----------------------|--|
| Business Name | yelping_since |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | string |
| Number of characters | |
| Description | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | faker.date.between('2010-01-01T00:00:00.000Z', '2021-12-31T00:00:00.000Z') |
| Sample | |
| Examples | |
| Comments | |

3.2.2.5.4 users Composite keys

| PROPERTY | VALUE |
|---------------------|-------|
| Primary key | |
| [1] Constraint name | |
| Key | |
| Unique key | |
| [1] Constraint name | |
| Key | |

3.2.2.5.5 users JSON Schema

```
{  
    "$schema": "http://json-schema.org/draft-04/schema#",  
    "type": "object",  
    "title": "users",  
    "description": "Users description",  
    "additionalProperties": true,  
    "properties": {  
        "user_id": {  
            "type": "string",  
            "pattern": "^[a-fA-F0-9]{24}$"  
        },  
        "type": {  
            "type": "string",  
            "enum": [  
                "user",  
                "owner",  
                "tester"  
            ]  
        },  
        "name": {  
            "type": "string",  
            "description": "First name plus surname"  
        },  
        "average_stars": {  
            "type": "number",  
            "description": "Star rating: from 1 to 5.",  
            "minimum": 1,  
            "maximum": 5  
        },  
        "compliments": {  
            "type": "object",  
            "additionalProperties": true,  
            "properties": {  
                "cool": {  
                    "type": "number",  
                    "minimum": 1,  
                    "maximum": 5  
                },  
                "cute": {  
                    "type": "number",  
                    "minimum": 1,  
                    "maximum": 5  
                },  
                "funny": {  
                    "type": "number",  
                    "minimum": 1,  
                    "maximum": 5  
                },  
                "hot": {  
                    "type": "number",  
                    "minimum": 1,  
                    "maximum": 5  
                },  
                "note": {  
                    "type": "number",  
                    "minimum": 1,  
                    "maximum": 5  
                },  
                "photos": {  
                    "type": "number",  
                    "minimum": 1,  
                    "maximum": 5  
                }  
            }  
        }  
    }  
}
```

```
        "minimum": 1,
        "maximum": 5
    },
    "plain": {
        "type": "number",
        "minimum": 1,
        "maximum": 5
    },
    "profile": {
        "type": "number",
        "minimum": 1,
        "maximum": 5
    },
    "writer": {
        "type": "number",
        "minimum": 1,
        "maximum": 5
    }
},
"elite": {
    "type": "array",
    "items": {
        "type": "number"
    }
},
fans": {
    "type": "number",
    "minimum": 0
},
friends": {
    "type": "array",
    "items": {
        "type": "string"
    }
},
review_count": {
    "type": "number",
    "minimum": 0
},
votes": {
    "type": "object",
    "additionalProperties": true,
    "properties": {
        "cool": {
            "type": "number",
            "minimum": 0
        },
        "funny": {
            "type": "number",
            "minimum": 0
        },
        "useful": {
            "type": "number",
            "minimum": 0
        }
    }
},
yelping_since": {
    "type": "string"
}
```

```
},  
  "required": [  
    "user_id",  
    "type",  
    "name",  
    "average_stars"  
  ]  
}
```

3.2.2.5.6 users JSON data

```
{  
  "user_id": "50554d6e-29bb-11e5-b345-feff819cdc9e",  
  "type": "tester",  
  "name": "Rosemarie Kling",  
  "average_stars": 3,  
  "compliments": {  
    "cool": 4,  
    "cute": 1,  
    "funny": 1,  
    "hot": 1,  
    "note": 4,  
    "photos": 4,  
    "plain": 4,  
    "profile": 1,  
    "writer": 2  
  },  
  "elite": [  
    27  
  ],  
  "fans": 79,  
  "friends": [  
    "Luke Willms"  
  ],  
  "review_count": 48,  
  "votes": {  
    "cool": 17,  
    "funny": 85,  
    "useful": 0  
  },  
  "yelping_since": "Tue May 14 2019 19:38:10 GMT+0200 (Central European Summer Time)"  
}
```

4. VIEWS

4.1 View AggregateSales

4.1.1 AggregateSales Tree Diagram

4.1.2 AggregateSales Properties

| PROPERTY | VALUE |
|-----------------------|----------------|
| View name | AggregateSales |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Container | dbo |
| View on | DimCustomer |
| Additional properties | |
| Comments | |
| Materialized | |
| Secure | |
| Copy grants | |

4.1.3 AggregateSales Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------|--------------|-------|-----|-------------|----------|
| SalesAmount | double | true | | | |
| PostalCode | nvarchar(10) | false | | | |
| CustomerIncome | double | false | | | |
| OrderDate | date | true | | | |

4.1.3.1 Attribute SalesAmount

4.1.3.1.1 SalesAmount properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | SalesAmount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.1.3.2 Attribute PostalCode

4.1.3.2.1 PostalCode properties

| PROPERTY | VALUE |
|----------------------|------------|
| Business Name | PostalCode |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.1.3.3 Attribute CustomerIncome

4.1.3.3.1 CustomerIncome properties

| PROPERTY | VALUE |
|-------------------|----------------|
| Business Name | CustomerIncome |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.1.3.4 Attribute OrderDate

4.1.3.4.1 OrderDate properties

| PROPERTY | VALUE |
|----------------|-----------|
| Business Name | OrderDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | date |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Pattern | |
| Default | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.1.4 AggregateSales JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "AggregateSales",
  "properties": {
    "SalesAmount": {
      "type": "number"
    },
    "PostalCode": {
      "type": "string"
    },
    "CustomerIncome": {
      "type": "number"
    },
    "OrderDate": {
      "type": "string",
      "format": "date-time"
    }
  },
  "required": [
    "SalesAmount",
    "OrderDate"
  ]
}
```

4.1.5 AggregateSales JSON data

```
{
  "SalesAmount": 15,
  "PostalCode": "Lorem",
  "CustomerIncome": 15,
  "OrderDate": "2018/03/15"
}
```

4.2 View SalesByCategory

4.2.1 SalesByCategory Tree Diagram

4.2.2 SalesByCategory Properties

| PROPERTY | VALUE |
|-----------------------|-----------------|
| View name | SalesByCategory |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Container | dbo |
| View on | DimProduct |
| Additional properties | |
| Comments | |
| Materialized | |
| Secure | |
| Copy grants | |

4.2.3 SalesByCategory Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-------------|-----------|-------|-----|-------------|----------|
| SalesAmount | double | true | | | |
| ProductLine | nchar(10) | false | | | |

4.2.3.1 Attribute SalesAmount

4.2.3.1.1 SalesAmount properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | SalesAmount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.2.3.2 Attribute ProductLine

4.2.3.2.1 ProductLine properties

| PROPERTY | VALUE |
|----------------------|-------------|
| Business Name | ProductLine |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | nchar |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.2.4 SalesByCategory JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "SalesByCategory",
  "properties": {
    "SalesAmount": {
      "type": "number"
    },
    "ProductLine": {
      "type": "string"
    }
  },
  "required": [
    "SalesAmount"
  ]
}
```

4.2.5 SalesByCategory JSON data

```
{
  "SalesAmount": 15,
  "ProductLine": "Lorem"
}
```

4.3 View SalesByCustomer

4.3.1 SalesByCustomer Tree Diagram

4.3.2 SalesByCustomer Properties

| PROPERTY | VALUE |
|-----------------------|-----------------|
| View name | SalesByCustomer |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Container | dbo |
| View on | DimCustomer |
| Additional properties | |
| Comments | |
| Materialized | |
| Secure | |
| Copy grants | |

4.3.3 SalesByCustomer Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------------|--------------|-------|-----|-------------|----------|
| SalesAmount | double | true | | | |
| Gender | nvarchar(10) | false | | | |
| NumberCarsOwned | tinyint | false | | | |
| CustomerYearlyIncome | double | false | | | |
| TotalChildren | tinyint | false | | | |

4.3.3.1 Attribute SalesAmount

4.3.3.1.1 SalesAmount properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | SalesAmount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.3.3.2 Attribute Gender

4.3.3.2.1 Gender properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Gender |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.3.3.3 Attribute NumberCarsOwned

4.3.3.3.1 NumberCarsOwned properties

| PROPERTY | VALUE |
|-------------------|-----------------|
| Business Name | NumberCarsOwned |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.3.3.4 Attribute CustomerYearlyIncome

4.3.3.4.1 CustomerYearlyIncome properties

| PROPERTY | VALUE |
|-------------------|----------------------|
| Business Name | CustomerYearlyIncome |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.3.3.5 Attribute TotalChildren

4.3.3.5.1 TotalChildren properties

| PROPERTY | VALUE |
|-------------------|---------------|
| Business Name | TotalChildren |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.3.4 SalesByCustomer JSON Schema

```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "SalesByCustomer",  
  "properties": {  
    "SalesAmount": {  
      "type": "number"  
    },  
    "Gender": {  
      "type": "string"  
    },  
    "NumberCarsOwned": {  
      "type": "number"  
    },  
    "CustomerYearlyIncome": {  
      "type": "number"  
    },  
    "TotalChildren": {  
      "type": "number"  
    }  
  },  
  "required": [  
    "SalesAmount"  
  ]  
}
```

4.3.5 SalesByCustomer JSON data

```
{  
  "SalesAmount": 15,  
  "Gender": "Lorem",  
  "NumberCarsOwned": -100,  
  "CustomerYearlyIncome": 15,  
  "TotalChildren": 26  
}
```

4.4 View SalesByDate

4.4.1 SalesByDate Tree Diagram

4.4.2 SalesByDate Properties

| PROPERTY | VALUE |
|-----------------------|-------------|
| View name | SalesByDate |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Container | dbo |
| View on | DimDate |
| Additional properties | |
| Comments | |
| Materialized | |
| Secure | |
| Copy grants | |

4.4.3 SalesByDate Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|------------------|--------------|-------|-----|-------------|----------|
| SalesAmount | double | true | | | |
| EnglishMonthName | nvarchar(10) | false | | | |
| CalendarYear | smallint | false | | | |

4.4.3.1 Attribute SalesAmount

4.4.3.1.1 SalesAmount properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | SalesAmount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.4.3.2 Attribute EnglishMonthName

4.4.3.2.1 EnglishMonthName properties

| PROPERTY | VALUE |
|----------------------|------------------|
| Business Name | EnglishMonthName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.4.3.3 Attribute CalendarYear

4.4.3.3.1 CalendarYear properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | CalendarYear |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.4.4 SalesByDate JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "SalesByDate",
  "properties": {
    "SalesAmount": {
      "type": "number"
    },
    "EnglishMonthName": {
      "type": "string"
    },
    "CalendarYear": {
      "type": "number"
    }
  },
  "required": [
    "SalesAmount"
  ]
}
```

4.4.5 SalesByDate JSON data

```
{
  "SalesAmount": 15,
  "EnglishMonthName": "Lorem",
  "CalendarYear": -27
}
```

4.5 View SalesByRegion

4.5.1 SalesByRegion Tree Diagram

4.5.2 SalesByRegion Properties

| PROPERTY | VALUE |
|-----------------------|---------------|
| View name | SalesByRegion |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Container | dbo |
| View on | DimGeography |
| Additional properties | |
| Comments | |
| Materialized | |
| Secure | |
| Copy grants | |

4.5.3 SalesByRegion Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-------------------|--------------|-------|-----|-------------|----------|
| SalesAmount | double | true | | | |
| PostalCode | nvarchar(10) | false | | | |
| StateProvinceCode | nvarchar(10) | false | | | |

4.5.3.1 Attribute SalesAmount

4.5.3.1.1 SalesAmount properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | SalesAmount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.5.3.2 Attribute PostalCode

4.5.3.2.1 PostalCode properties

| PROPERTY | VALUE |
|----------------------|------------|
| Business Name | PostalCode |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.5.3.3 Attribute StateProvinceCode

4.5.3.3.1 StateProvinceCode properties

| PROPERTY | VALUE |
|----------------------|-------------------|
| Business Name | StateProvinceCode |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.5.4 SalesByRegion JSON Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "title": "SalesByRegion",
  "properties": {
    "SalesAmount": {
      "type": "number"
    },
    "PostalCode": {
      "type": "string"
    },
    "StateProvinceCode": {
      "type": "string"
    }
  },
  "required": [
    "SalesAmount"
  ]
}
```

4.5.5 SalesByRegion JSON data

```
{
  "SalesAmount": 15,
  "PostalCode": "Lorem",
  "StateProvinceCode": "Lorem"
}
```

4.6 View review_id

4.6.1 review_id Tree Diagram

4.6.2 review_id Properties

| PROPERTY | VALUE |
|-----------------------|-----------|
| View name | review_id |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Container | yelp |
| View on | reviews |
| Additional properties | |
| Comments | |
| Materialized | |
| Secure | |
| Copy grants | |

4.6.3 review_id Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---------------|---------|-------|-----|---------------------------|--|
| review_id | uuid | false | pk | | |
| date | string | false | | | |
| stars | numeric | false | | | |
| type | string | false | | | |
| business | array | false | | | |
| [0] | object | false | | | |
| business_id | uuid | false | pk | Unique key for businesses | Sat Nov 04 2017 10:12:00 GMT+0100 (Romance Standard Time): some comments |
| name | string | false | | | |
| type | string | false | | | |
| open | boolean | false | | | |
| stars | numeric | false | | | |
| review_count | numeric | false | | | |
| full_address | object | false | | | |
| houseNum | string | false | | | |
| street | string | false | | | |
| box | string | false | | | |
| city | string | false | | | |
| state | string | false | | | |
| zip | string | false | | | |
| latitude | numeric | false | | | |
| longitude | numeric | false | | | |
| user | array | false | | | |
| [0] | object | false | | | |
| user_id | uuid | false | pk | | |
| name | string | false | | First name plus surname | Fri Sep 15 2017 17:31:32 GMT+0200 (Romance Summer Time): MongoDB Demo |
| type | string | false | | | |
| votes | object | false | | | |
| cool | numeric | false | | | |
| funny | numeric | false | | | |
| useful | numeric | false | | | |
| yelping_since | string | false | | | |

4.6.3.1 Attribute review_id

4.6.3.1.1 review_id properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | review_id |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.2 Attribute date

4.6.3.2.1 date properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | date |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.3 Attribute stars

4.6.3.3.1 stars properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | stars |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.4 Attribute type

4.6.3.4.1 type properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | type |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.5 Attribute business

4.6.3.5.1 business Hierarchy

Parent Attribute: **review_id**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|--------|-------|-----|-------------|----------|
| [0] | object | false | | | |

4.6.3.5.2 business properties

| PROPERTY | VALUE |
|-----------------------|----------|
| Business Name | business |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | array |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | |
| Comments | |

4.6.3.6 Attribute [0]

4.6.3.6.1 [0] Hierarchy

Parent Attribute: **business**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|--------------|-----------|-------|-----|-------------|----------|
| business_id | reference | false | | | |
| name | reference | false | | | |
| type | reference | false | | | |
| open | reference | false | | | |
| stars | reference | false | | | |
| review_count | reference | false | | | |
| full_address | reference | false | | | |
| latitude | reference | false | | | |
| longitude | reference | false | | | |

4.6.3.6.2 [0] properties

| PROPERTY | VALUE |
|-----------------------|--------|
| Technical name | |
| Display name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | false |
| Comments | |

4.6.3.7 Attribute business_id

4.6.3.7.1 business_id properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | business_id |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.8 Attribute name

4.6.3.8.1 name properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | name |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.9 Attribute type

4.6.3.9.1 type properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | type |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.10 Attribute open

4.6.3.10.1 open properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | open |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.11 Attribute stars

4.6.3.11.1 stars properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | stars |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.12 Attribute review_count

4.6.3.12.1 review_count properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | review_count |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.13 Attribute full_address

4.6.3.13.1 full_address properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | full_address |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.14 Attribute latitude

4.6.3.14.1 latitude properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | latitude |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.15 Attribute longitude

4.6.3.15.1 longitude properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | longitude |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.16 Attribute user

4.6.3.16.1 user Hierarchy

Parent Attribute: **review_id**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|-----------|--------|-------|-----|-------------|----------|
| [0] | object | false | | | |

4.6.3.16.2 user properties

| PROPERTY | VALUE |
|-----------------------|-------|
| Business Name | user |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | array |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | |
| Comments | |

4.6.3.17 Attribute [0]

4.6.3.17.1 [0] Hierarchy

Parent Attribute: **user**

Child attribute(s):

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|---------------|-----------|-------|-----|-------------|----------|
| user_id | reference | false | | | |
| name | reference | false | | | |
| type | reference | false | | | |
| votes | reference | false | | | |
| yelping_since | reference | false | | | |

4.6.3.17.2 [0] properties

| PROPERTY | VALUE |
|-----------------------|--------|
| Technical name | |
| Display name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Type | object |
| Min Properties | |
| Max Properties | |
| Dependencies | |
| Primary key | |
| Required | |
| Unique | |
| Additional properties | false |
| Comments | |

4.6.3.18 Attribute user_id

4.6.3.18.1 user_id properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | user_id |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.19 Attribute name

4.6.3.19.1 name properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | name |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.20 Attribute type

4.6.3.20.1 type properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | type |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.21 Attribute votes

4.6.3.21.1 votes properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | votes |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.3.22 Attribute yelping_since

4.6.3.22.1 yelping_since properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | yelping_since |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.6.4 review_id JSON Schema

```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "review_id",  
  "properties": {  
    "review_id": {  
      "type": "string",  
      "pattern": "^[a-fA-F0-9]{24}$"  
    },  
    "date": {  
      "type": "string"  
    },  
    "stars": {  
      "type": "number",  
      "minimum": 1,  
      "maximum": 5  
    },  
    "type": {  
      "type": "string"  
    },  
    "business": {  
      "type": "array",  
      "items": {  
        "type": "object",  
        "additionalProperties": false,  
        "properties": {  
          "business_id": {  
            "type": "string",  
            "description": "Unique key for businesses",  
            "pattern": "^[a-fA-F0-9]{24}$"  
          },  
          "name": {  
            "type": "string"  
          },  
          "type": {  
            "type": "string"  
          },  
          "open": {  
            "type": "boolean"  
          },  
          "stars": {  
            "type": "number",  
            "minimum": 1,  
            "maximum": 5  
          },  
          "review_count": {  
            "type": "number",  
            "minimum": 0  
          },  
          "full_address": {  
            "type": "object",  
            "additionalProperties": false,  
            "properties": {  
              "houseNum": {  
                "type": "string"  
              },  
              "street": {  
                "type": "string"  
              },  
              "box": {  
                "type": "string"  
              }  
            }  
          }  
        }  
      }  
    }  
  }  
}
```

```
        "type": "string"
    },
    "city": {
        "type": "string"
    },
    "state": {
        "type": "string"
    },
    "zip": {
        "type": "string"
    }
}
},
"latitude": {
    "type": "number"
},
"longitude": {
    "type": "number"
}
},
"required": [
    "business_id"
]
},
"user": {
    "type": "array",
    "items": {
        "type": "object",
        "additionalProperties": false,
        "properties": {
            "user_id": {
                "type": "string",
                "pattern": "^[a-fA-F0-9]{24}$"
            },
            "name": {
                "type": "string",
                "description": "First name plus surname"
            },
            "type": {
                "type": "string",
                "enum": [
                    "user",
                    "owner",
                    "tester"
                ]
            },
            "votes": {
                "type": "object",
                "additionalProperties": true,
                "properties": {
                    "cool": {
                        "type": "number",
                        "minimum": 0
                    },
                    "funny": {
                        "type": "number",
                        "minimum": 0
                    },
                    "useful": {
                        "type": "number",
                        "minimum": 0
                    }
                }
            }
        }
    }
}
```

```
        "minimum": 0
    }
},
},
"yelping_since": {
    "type": "string"
}
},
"required": [
    "user_id",
    "name",
    "type"
]
}
},
"required": [
    "review_id"
]
}
```

4.6.5 review_id JSON data

```
{  
  "review_id": "50554d6e-29bb-11e5-b345-feff819cdc9e",  
  "date": "Thu Sep 08 2022 05:15:15 GMT+0200 (Central European Summer Time)",  
  "stars": 1,  
  "type": "Lorem",  
  "business": [  
    {  
      "business_id": "50554d6e-29bb-11e5-b345-feff819cdc9e",  
      "name": "Hartmann and Sons",  
      "type": "Lorem",  
      "open": true,  
      "stars": 4,  
      "review_count": 52,  
      "full_address": {  
        "houseNum": "141",  
        "street": "Fritz Rue",  
        "box": "Suite 625",  
        "city": "New Emanuel",  
        "state": "NJ",  
        "zip": "58054-2878"  
      },  
      "latitude": -24,  
      "longitude": 16  
    }  
  ],  
  "user": [  
    {  
      "user_id": "50554d6e-29bb-11e5-b345-feff819cdc9e",  
      "name": "Jedidiah Ward",  
      "type": "tester",  
      "votes": {  
        "cool": 42,  
        "funny": 94,  
        "useful": 95  
      },  
      "yelping_since": "Tue Feb 13 2018 22:08:12 GMT+0100 (Central European Standard Time)"  
    }  
  ]  
}
```

4.7 View rov_bussiness

4.7.1 rov_bussiness Tree Diagram

4.7.2 rov_bussiness Properties

| PROPERTY | VALUE |
|-----------------------|---------------|
| View name | rov_bussiness |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Container | yelp |
| View on | businesses |
| Additional properties | |
| Comments | |
| Materialized | |
| Secure | |
| Copy grants | |

4.7.3 rov_bussiness Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|--------------|--------|-------|-----|---------------------------|--|
| business_id | uuid | false | pk | Unique key for businesses | Sat Nov 04 2017 10:12:00 GMT+0100 (Romance Standard Time): some comments |
| name | string | false | | | |
| full_address | object | false | | | |
| houseNum | string | false | | | |
| street | string | false | | | |
| box | string | false | | | |
| city | string | false | | | |
| state | string | false | | | |
| zip | string | false | | | |
| type | string | false | | | |

4.7.3.1 Attribute business_id

4.7.3.1.1 business_id properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | business_id |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.7.3.2 Attribute name

4.7.3.2.1 name properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | name |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.7.3.3 Attribute full_address

4.7.3.3.1 full_address properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | full_address |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.7.3.4 Attribute type

4.7.3.4.1 type properties

| PROPERTY | VALUE |
|----------------|---------------------|
| Business Name | type |
| Technical name | |
| Activated | true |
| \$ref | |
| Reference type | collectionReference |

4.7.4 rov_bussiness JSON Schema

```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "rov_bussiness",  
  "properties": {  
    "business_id": {  
      "type": "string",  
      "description": "Unique key for businesses",  
      "pattern": "^[a-fA-F0-9]{24}$"  
    },  
    "name": {  
      "type": "string"  
    },  
    "full_address": {  
      "type": "object",  
      "additionalProperties": false,  
      "properties": {  
        "houseNum": {  
          "type": "string"  
        },  
        "street": {  
          "type": "string"  
        },  
        "box": {  
          "type": "string"  
        },  
        "city": {  
          "type": "string"  
        },  
        "state": {  
          "type": "string"  
        },  
        "zip": {  
          "type": "string"  
        }  
      }  
    },  
    "type": {  
      "type": "string"  
    }  
  },  
  "required": [  
    "business_id"  
  ]  
}
```

4.7.5 rov_bussiness JSON data

```
{
  "business_id": "50554d6e-29bb-11e5-b345-feff819cdc9e",
  "name": "Sanford - Gutkowski",
  "full_address": {
    "houseNum": "541",
    "street": "Homenick Harbors",
    "box": "Suite 296",
    "city": "Merleborough",
    "state": "MA",
    "zip": "60680-6125"
  },
  "type": "Lorem"
}
```

4.8 View vDMPrep

4.8.1 vDMPrep Tree Diagram

4.8.2 vDMPrep Properties

| PROPERTY | VALUE |
|-----------------------|-------------|
| View name | vDMPrep |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Description | |
| Container | dbo |
| View on | DimCustomer |
| Additional properties | |
| Comments | |
| Materialized | |
| Secure | |
| Copy grants | |

4.8.3 vDMPrep Attribute

| ATTRIBUTE | TYPE | REQ | KEY | DESCRIPTION | COMMENTS |
|----------------------------|--------------|-------|-----|-------------|----------|
| EnglishProductCategoryName | nvarchar(10) | true | | | |
| Model | nvarchar(10) | false | | | |
| CustomerKey | int | true | | | |
| Region | nvarchar(10) | false | | | |
| Age | int | false | | | |
| IncomeGroup | varchar(10) | true | | | |
| CalendarYear | smallint | true | | | |
| FiscalYear | smallint | true | | | |
| Month | tinyint | true | | | |
| OrderNumber | nvarchar(10) | true | | | |
| LineNumber | tinyint | true | | | |
| Quantity | smallint | true | | | |
| Amount | double | true | | | |

4.8.3.1 Attribute EnglishProductCategoryName

4.8.3.1.1 EnglishProductCategoryName properties

| PROPERTY | VALUE |
|----------------------|----------------------------|
| Business Name | EnglishProductCategoryName |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.3.2 Attribute Model

4.8.3.2.1 Model properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Model |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.3.3 Attribute CustomerKey

4.8.3.3.1 CustomerKey properties

| PROPERTY | VALUE |
|-------------------|-------------|
| Business Name | CustomerKey |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.3.4 Attribute Region

4.8.3.4.1 Region properties

| PROPERTY | VALUE |
|----------------------|----------|
| Business Name | Region |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.3.5 Attribute Age

4.8.3.5.1 Age properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | Age |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | int |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.3.6 Attribute IncomeGroup

4.8.3.6.1 IncomeGroup properties

| PROPERTY | VALUE |
|----------------------|-------------|
| Business Name | IncomeGroup |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | varchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.3.7 Attribute CalendarYear

4.8.3.7.1 CalendarYear properties

| PROPERTY | VALUE |
|-------------------|--------------|
| Business Name | CalendarYear |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.3.8 Attribute FiscalYear

4.8.3.8.1 FiscalYear properties

| PROPERTY | VALUE |
|-------------------|------------|
| Business Name | FiscalYear |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.3.9 Attribute Month

4.8.3.9.1 Month properties

| PROPERTY | VALUE |
|-------------------|---------|
| Business Name | Month |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.3.10 Attribute OrderNumber

4.8.3.10.1 OrderNumber properties

| PROPERTY | VALUE |
|----------------------|-------------|
| Business Name | OrderNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | nvarchar |
| Synonym | |
| Number of characters | 10 |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default | |
| Min length | |
| Max length | |
| Pattern | |
| Format | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.3.11 Attribute LineNumber

4.8.3.11.1 LineNumber properties

| PROPERTY | VALUE |
|-------------------|------------|
| Business Name | LineNumber |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | tinyint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.3.12 Attribute Quantity

4.8.3.12.1 Quantity properties

| PROPERTY | VALUE |
|-------------------|----------|
| Business Name | Quantity |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | integer |
| Synonym | smallint |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.3.13 Attribute Amount

4.8.3.13.1 Amount properties

| PROPERTY | VALUE |
|-------------------|--------|
| Business Name | Amount |
| Technical name | |
| Activated | true |
| Polyglot only | |
| Id | |
| Type | double |
| Synonym | |
| Description | |
| Dependencies | |
| Primary key | false |
| Required | true |
| Unique | |
| Foreign entity | |
| Foreign field | |
| Relationship type | |
| Relationship name | |
| Cardinality | |
| Default option | |
| Unit | |
| Min value | |
| Excl min | |
| Max value | |
| Excl max | |
| Multiple of | |
| Divisible by | |
| Pattern | |
| Enum | |
| Faker function | |
| Sample | |
| Examples | |
| Comments | |

4.8.4 vDMPrep JSON Schema

```
{  
  "$schema": "http://json-schema.org/draft-04/schema#",  
  "type": "object",  
  "title": "vDMPREP",  
  "properties": {  
    "EnglishProductCategoryName": {  
      "type": "string"  
    },  
    "Model": {  
      "type": "string"  
    },  
    "CustomerKey": {  
      "type": "number"  
    },  
    "Region": {  
      "type": "string"  
    },  
    "Age": {  
      "type": "number"  
    },  
    "IncomeGroup": {  
      "type": "string"  
    },  
    "CalendarYear": {  
      "type": "number"  
    },  
    "FiscalYear": {  
      "type": "number"  
    },  
    "Month": {  
      "type": "number"  
    },  
    "OrderNumber": {  
      "type": "string"  
    },  
    "LineNumber": {  
      "type": "number"  
    },  
    "Quantity": {  
      "type": "number"  
    },  
    "Amount": {  
      "type": "number"  
    }  
  },  
  "required": [  
    "EnglishProductCategoryName",  
    "CustomerKey",  
    "IncomeGroup",  
    "CalendarYear",  
    "FiscalYear",  
    "Month",  
    "OrderNumber",  
    "LineNumber",  
    "Quantity",  
    "Amount"  
  ]  
}
```

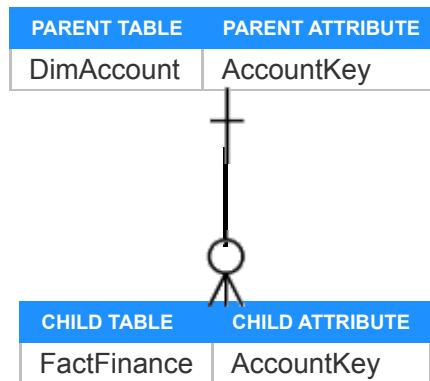
4.8.5 vDMPREP JSON data

```
{
  "EnglishProductCategoryName": "Lorem",
  "Model": "Lorem",
  "CustomerKey": 21,
  "Region": "Lorem",
  "Age": -5,
  "IncomeGroup": "Lorem",
  "CalendarYear": 36,
  "FiscalYear": -100,
  "Month": 0,
  "OrderNumber": "Lorem",
  "LineNumber": -45,
  "Quantity": -2,
  "Amount": 15
}
```

5. RELATIONSHIPS

5.1 Relationship fk DimAccount.AccountKey to FactFinance.AccountKey

5.1.1 fk DimAccount.AccountKey to FactFinance.AccountKey Diagram

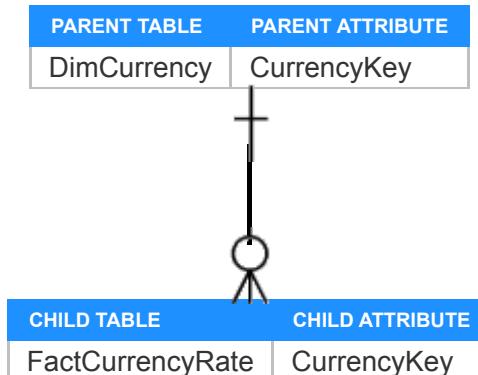


5.1.2 fk DimAccount.AccountKey to FactFinance.AccountKey Properties

| PROPERTY | VALUE |
|--------------------|--|
| Name | fk DimAccount.AccountKey to FactFinance.AccountKey |
| Description | |
| Parent Entity | DimAccount |
| Parent Attribute | AccountKey |
| Parent Cardinality | 1 |
| Child Entity | FactFinance |
| Child Attribute | AccountKey |
| Child Cardinality | 0..n |
| Comments | |

5.2 Relationship fk DimCurrency.CurrencyKey to FactCurrencyRate.CurrencyKey

5.2.1 fk DimCurrency.CurrencyKey to FactCurrencyRate.CurrencyKey Diagram

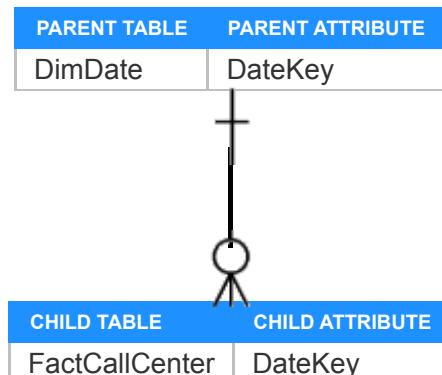


5.2.2 fk DimCurrency.CurrencyKey to FactCurrencyRate.CurrencyKey Properties

| PROPERTY | VALUE |
|--------------------|--|
| Name | fk DimCurrency.CurrencyKey to FactCurrencyRate.CurrencyKey |
| Description | |
| Parent Entity | DimCurrency |
| Parent Attribute | CurrencyKey |
| Parent Cardinality | 1 |
| Child Entity | FactCurrencyRate |
| Child Attribute | CurrencyKey |
| Child Cardinality | 0..n |
| Comments | |

5.3 Relationship fk DimDate.DateKey to FactCallCenter.DateKey

5.3.1 fk DimDate.DateKey to FactCallCenter.DateKey Diagram

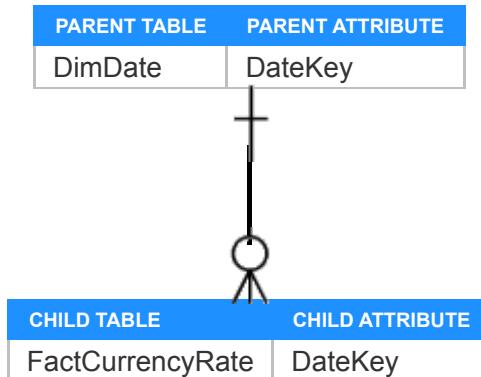


5.3.2 fk DimDate.DateKey to FactCallCenter.DateKey Properties

| PROPERTY | VALUE |
|--------------------|--|
| Name | fk DimDate.DateKey to FactCallCenter.DateKey |
| Description | |
| Parent Entity | DimDate |
| Parent Attribute | DateKey |
| Parent Cardinality | 1 |
| Child Entity | FactCallCenter |
| Child Attribute | DateKey |
| Child Cardinality | 0..n |
| Comments | |

5.4 Relationship fk DimDate.DateKey to FactCurrencyRate.DateKey

5.4.1 fk DimDate.DateKey to FactCurrencyRate.DateKey Diagram

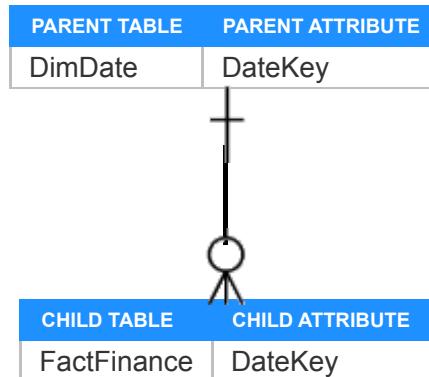


5.4.2 fk DimDate.DateKey to FactCurrencyRate.DateKey Properties

| PROPERTY | VALUE |
|--------------------|--|
| Name | fk DimDate.DateKey to FactCurrencyRate.DateKey |
| Description | |
| Parent Entity | DimDate |
| Parent Attribute | DateKey |
| Parent Cardinality | 1 |
| Child Entity | FactCurrencyRate |
| Child Attribute | DateKey |
| Child Cardinality | 0..n |
| Comments | |

5.5 Relationship fk DimDate.DateKey to FactFinance.DateKey

5.5.1 fk DimDate.DateKey to FactFinance.DateKey Diagram



5.5.2 fk DimDate.DateKey to FactFinance.DateKey Properties

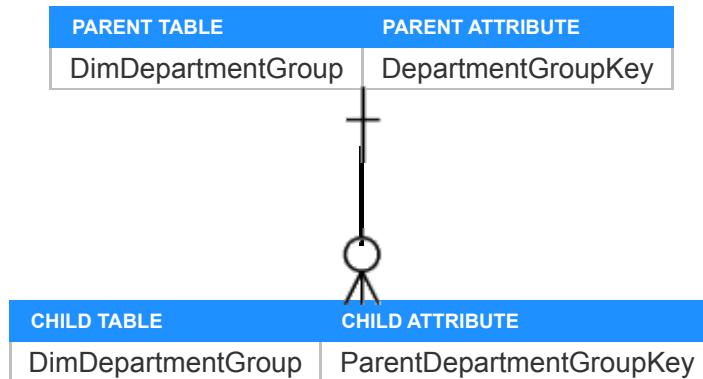
| PROPERTY | VALUE |
|--------------------|---|
| Name | fk DimDate.DateKey to FactFinance.DateKey |
| Description | |
| Parent Entity | DimDate |
| Parent Attribute | DateKey |
| Parent Cardinality | 1 |
| Child Entity | FactFinance |
| Child Attribute | DateKey |
| Child Cardinality | 0..n |
| Comments | |

5.6 Relationship

fk DimDepartmentGroup.DepartmentGroupKey to DimDepartmentGroup.ParentDepartmentGroupKey

5.6.1

fk DimDepartmentGroup.DepartmentGroupKey to DimDepartmentGroup.ParentDepartmentGroupKey
Diagram

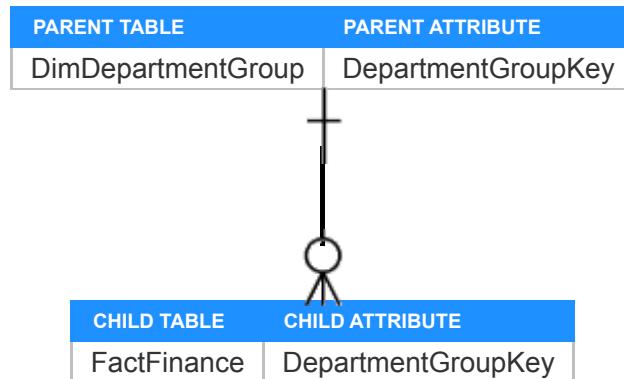
**5.6.2**

fk DimDepartmentGroup.DepartmentGroupKey to DimDepartmentGroup.ParentDepartmentGroupKey
Properties

| PROPERTY | VALUE |
|--------------------|---|
| Name | fk DimDepartmentGroup.DepartmentGroupKey to DimDepartmentGroup.ParentDepartmentGroupKey |
| Description | |
| Parent Entity | DimDepartmentGroup |
| Parent Attribute | DepartmentGroupKey |
| Parent Cardinality | 1 |
| Child Entity | DimDepartmentGroup |
| Child Attribute | ParentDepartmentGroupKey |
| Child Cardinality | 0..n |
| Comments | |

5.7 Relationship fk DimDepartmentGroup.DepartmentGroupKey to FactFinance.DepartmentGroupKey

5.7.1 fk DimDepartmentGroup.DepartmentGroupKey to FactFinance.DepartmentGroupKey Diagram

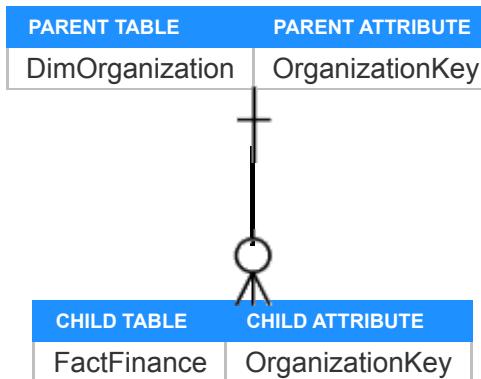


5.7.2 fk DimDepartmentGroup.DepartmentGroupKey to FactFinance.DepartmentGroupKey Properties

| PROPERTY | VALUE |
|--------------------|--|
| Name | fk DimDepartmentGroup.DepartmentGroupKey to FactFinance.DepartmentGroupKey |
| Description | |
| Parent Entity | DimDepartmentGroup |
| Parent Attribute | DepartmentGroupKey |
| Parent Cardinality | 1 |
| Child Entity | FactFinance |
| Child Attribute | DepartmentGroupKey |
| Child Cardinality | 0..n |
| Comments | |

5.8 Relationship fk DimOrganization.OrganizationKey to FactFinance.OrganizationKey

5.8.1 fk DimOrganization.OrganizationKey to FactFinance.OrganizationKey Diagram

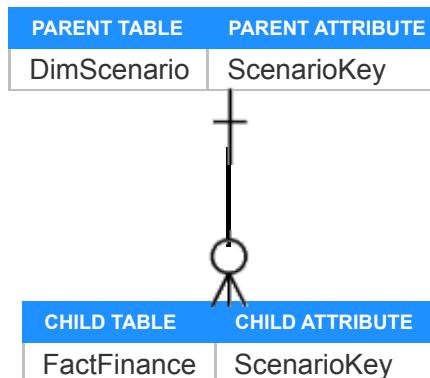


5.8.2 fk DimOrganization.OrganizationKey to FactFinance.OrganizationKey Properties

| PROPERTY | VALUE |
|--------------------|---|
| Name | fk DimOrganization.OrganizationKey to FactFinance.OrganizationKey |
| Description | |
| Parent Entity | DimOrganization |
| Parent Attribute | OrganizationKey |
| Parent Cardinality | 1 |
| Child Entity | FactFinance |
| Child Attribute | OrganizationKey |
| Child Cardinality | 0..n |
| Comments | |

5.9 Relationship fk DimScenario.ScenarioKey to FactFinance.ScenarioKey

5.9.1 fk DimScenario.ScenarioKey to FactFinance.ScenarioKey Diagram

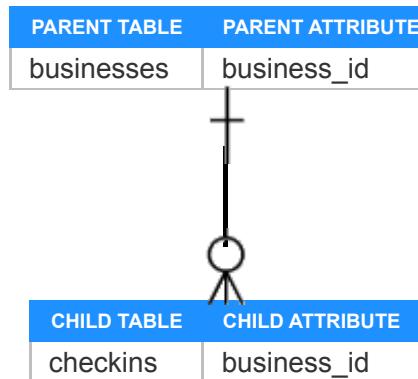


5.9.2 fk DimScenario.ScenarioKey to FactFinance.ScenarioKey Properties

| PROPERTY | VALUE |
|--------------------|---|
| Name | fk DimScenario.ScenarioKey to FactFinance.ScenarioKey |
| Description | |
| Parent Entity | DimScenario |
| Parent Attribute | ScenarioKey |
| Parent Cardinality | 1 |
| Child Entity | FactFinance |
| Child Attribute | ScenarioKey |
| Child Cardinality | 0..n |
| Comments | |

5.10 Relationship fk businesses.business_id to checkins.business_id

5.10.1 fk businesses.business_id to checkins.business_id Diagram

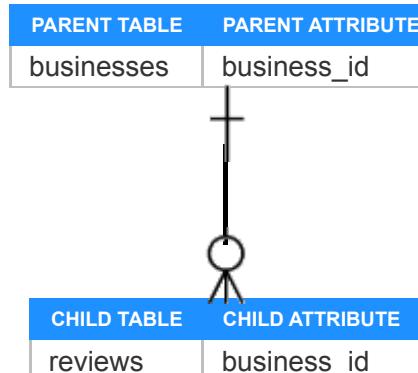


5.10.2 fk businesses.business_id to checkins.business_id Properties

| PROPERTY | VALUE |
|--------------------|---|
| Name | fk businesses.business_id to checkins.business_id |
| Description | |
| Parent Entity | businesses |
| Parent Attribute | business_id |
| Parent Cardinality | 1 |
| Child Entity | checkins |
| Child Attribute | business_id |
| Child Cardinality | 0..n |
| Comments | |

5.11 Relationship fk_reviewsBusinesses

5.11.1 fk_reviewsBusinesses Diagram

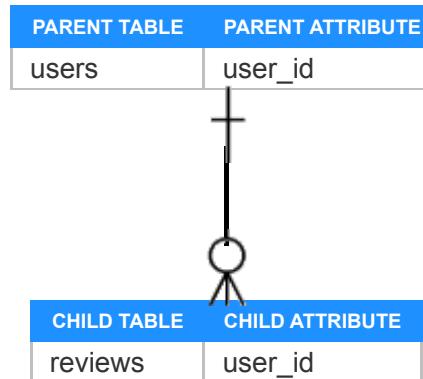


5.11.2 fk_reviewsBusinesses Properties

| PROPERTY | VALUE |
|--------------------|----------------------|
| Name | fk_reviewsBusinesses |
| Description | |
| Parent Entity | businesses |
| Parent Attribute | business_id |
| Parent Cardinality | 1 |
| Child Entity | reviews |
| Child Attribute | business_id |
| Child Cardinality | 0..n |
| Comments | |

5.12 Relationship fk_reviewsUsers

5.12.1 fk_reviewsUsers Diagram

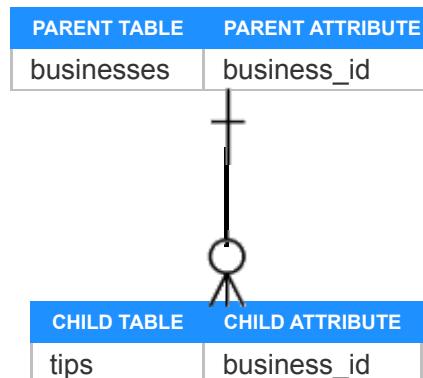


5.12.2 fk_reviewsUsers Properties

| PROPERTY | VALUE |
|--------------------|-----------------|
| Name | fk_reviewsUsers |
| Description | |
| Parent Entity | users |
| Parent Attribute | user_id |
| Parent Cardinality | 1 |
| Child Entity | reviews |
| Child Attribute | user_id |
| Child Cardinality | 0..n |
| Comments | |

5.13 Relationship fk_tipsBusinesses

5.13.1 fk_tipsBusinesses Diagram

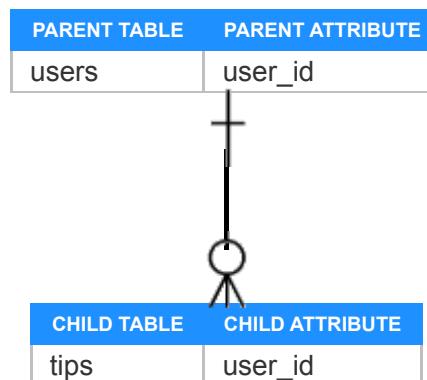


5.13.2 fk_tipsBusinesses Properties

| PROPERTY | VALUE |
|--------------------|-------------------|
| Name | fk_tipsBusinesses |
| Description | |
| Parent Entity | businesses |
| Parent Attribute | business_id |
| Parent Cardinality | 1 |
| Child Entity | tips |
| Child Attribute | business_id |
| Child Cardinality | 0..n |
| Comments | |

5.14 Relationship fk_tipsUsers

5.14.1 fk_tipsUsers Diagram



5.14.2 fk_tipsUsers Properties

| PROPERTY | VALUE |
|--------------------|--------------|
| Name | fk_tipsUsers |
| Description | |
| Parent Entity | users |
| Parent Attribute | user_id |
| Parent Cardinality | 1 |
| Child Entity | tips |
| Child Attribute | user_id |
| Child Cardinality | 0..n |
| Comments | |