Datawarehouse SE4

# Dimensies

In dit stuk halen we alle dimensies uit de database en zetten we de tabellen om van bron- naar dimensietabel

### 

## AENC

### Employee / Department

| Employee | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| STATE  state\_id  state\_name  state\_capital  country  REGION  region | manager\_id | DEPARTMENT  dept\_id  dept\_name  dept\_head\_id | status | salary | start\_  date | termination | birthdate | bene\_health | bene\_lifeins | bene day care | sex |
| city |
| zip |
| street |
| EMPLOYEE  emp\_id, emp\_fullname, phone, ss\_number | | | | | | | | | | | |

### 

### Product

| Product |
| --- |
| name, prod\_size, color, quantity, unit\_prize, picture\_name, category |
| PRODUCT  id, description |

### Customer/ State / Region

| Customer | |
| --- | --- |
| STATE  state\_id  state\_name  state\_capital  country  REGION  region | company\_name |
| city |
| zip |
| address |
| CUSTOMER  id, fname, lname, phone | |

## Northwind

### Employees

| Employee | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| country | title | title\_of\_  coutesy | birthdate | hire\_  date | extension | photo | notes | reports to | photo\_path |
| REGION region\_id  region\_description |
| EMPLOYEE\_  TERRITORIES  employee\_id  TERRITORIE  territory\_id  territory\_description  region\_id |
| city |
| zip |
| address |
| EMPLOYEE  employee\_id, full\_name | | | | | | | | | |

### Customers

| Customers | | | | |
| --- | --- | --- | --- | --- |
| country | Customer\_customer\_demo  customer\_id  customer\_type\_id | company\_name | contact\_name | contact\_title |
| region | Customer\_Demographic  customer\_type\_id  customer\_desc |
| city |
| zip |
| address |
| CUSTOMER  customer\_id, phone, fax | | | | |

### Shipper

| Shipper |
| --- |
|  |
| SHIPPER shipper\_id, company\_name, phone |

### Product

| Product | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| country | Suppliers  supplier\_id  company\_name  contact\_name  contact\_tile  phone  fax  home\_page | Categories  category\_id  categorie\_  name  description  picture | quantity\_per\_unit | unit\_price | units\_in\_  stock | units\_on\_order | recorder\_level | discontinued |
| region |
| city |
| zip |
| address |
| PRODUCT  product\_id, product\_name | | | | | | | | |

## AdventureWorks\_2019\_PRODUCTION

### Product

| Product | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MakeFlag  number | | | | | FinishedGoodsFlag  number | | | | | Color  name | | | | | SafetyLockLevel  number | | | | | Recordpoint  number | | | | | StandardCost  price | | | | | Listprice  price | | | | | Size  number | | | | |
| SellEnddate  Date | | | | | WeightUnitMeasureCode  name | | | | | weight  double | | | | | DaysToManufacture  name | | | | | ProductLine  letter | | | | | Class  letter | | | | | Style  letter | | | | | SellStartDate  Date | | | | |
| UNITMEASURE UnitMeasureCode  Name  ModifiedDate | | | | | | | | DiscontinuedDate  Date | | | | | | | | ModifiedDate  Date | | | | | | | | PRODUCT-  SUBCATEGORY  productsubcategoryid  Name  Rowguid  ModifiedDate | | | | | | | | PRODUCTMODEL  ProductModelID Name  CatalogDescription  Instructions  Rowguid  ModifiedDate | | | | | | | |
| PRODUCT-  CATEGORY  productcategoryid  name  rowguid  modifieddate | | | | | | | |
| PRODUCT product\_id, name, productnumber, rowguid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

### ProductInventory

| ProductInventory | | | | |
| --- | --- | --- | --- | --- |
| LOCATION Name  CostRate  Availability  ModifiedDate | Shelf  Letter | Bin  Number | Quantity  number | ModifiedDate  Date |
| PRODUCTINVENTORY  ProductID, LocationID, Rowguid | | | | |

### ScrapReason

| ScrapReason |
| --- |
| ModifiedDate  Date |
| SCRAPREASON  ScrapReasonID, Name |

### ProductProductPhoto

| ProductProductPhoto | | | |
| --- | --- | --- | --- |
| PRODUCTPHOTO  ProductIID  ThumbnailPhoto  ThumbnailPhotoFileName  LargePhoto  LargePhotoFileName  ModifiedDate | Primary | ModifiedDate |  |
| PRODUCTPRODUCTPHOTO  ProductPhotoID | | | |

### 

### ProductModelIllustation

| ProductModelIllustration | | |
| --- | --- | --- |
| ILLUSTRATION  illustationID  Diagram  ModifiedDate | PRODUCTMODEL  productModelID  Name  CatelogDescription  Instructions  Rowguid  ModifiedDate | ModifiedDate |
| PRODUCTMODELILLUSTRATION  ProductModelID, IllustrationID | | |

### 

### ProductModelProductDescription

| ProductModelProductDesciptionCulture | |
| --- | --- |
| CULTURE CultureID  Name  ModifiedDate | ModifiedDate |
| PRODUCTMODELPRODUCTDESCRIPTIONCULTURE  ProductModelID, ProductDescriptionID, CultureID | |

### 

### 

### 

### 

### ProductDescription

| ProductDescription |
| --- |
| ModifiedDate  Description |
| PRODUCTDESCRIPTION  ProductDescriptionID  Rowguid |

### ProductDocument

| ProductDocument | |
| --- | --- |
| DOCUMENT DocumentLevel  Title  Owner  FolderFlag  FileName  FileExtension  Revision  ChangeNumber  Status  DocumentSummary  Document  rowguid  ModifiedDate | ModifiedDate |
| PRODUCTDOCUMENT  ProductID, DocumentNode | |

### 

## AdventureWorks\_2019\_Purchasing

### Vendor

| ProductVendor | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| VENDOR  BuisnessEntityID  AccountNumber  Name  CreditRating  PreferredVendor-  Status  ActiveFlag  PurchaseWebServ-  iceURL  ModifiedDate | AverageLeadTime | StandardPrice | Last  Recipt  Cost | Last  Recipt  Date | Min  OrderQty | Max  OrderQty | OnOrderQty | UNITMESURE  UnitMesureCode  Name  ModifiedDate | Modified  Date |
| PRODUCTVENDOR  ProductId, BuisnessEntityID | | | | | | | | | |

### 

## AdventureWorks\_2019\_Person

### PhoneNumber

| PersonPhone | |
| --- | --- |
| PHONENUMBERTYPE  PhoneNumberTypeID  Name  ModifiedDate | ModifiedDate |
| PERSONPHONE  BuisnessEntityID, PhoneNumber, PhoneNumberTypeID | |

### Person

| Person | | | | | |
| --- | --- | --- | --- | --- | --- |
| PersonType | NameStyle | Title | Email-  Promotion | Additional  Contact  Info | ModifiedDate |
| PERSON  BuisnessEntityID, fullname, Denigraphics, rowguid | | | | | |

### Password

| Password |
| --- |
| ModifiedDate |
| PASSWORD BuisnessEntityID, PasswordHash, PasswordSalt, Rowguid |

### EmailAddress

| EmailAddress |
| --- |
| ModifiedData |
| EMAILADDRESS  BuisnessEntityID, EmailAddressID, EmailAddress, RowGuid |

### BuisnessEntityContact

| BuisnessEntityContact | |
| --- | --- |
| ModifiedDate | CONTACTTYPE  Name |
| BUISNESSENTITYCONTACT BuisnessEntityID, PersonID, ContactTypeID, Rowguid | |

### 

### BuisnessEntity

| BuisnessEntity |
| --- |
|  |
| BUISNESSENTITY  BuisnessEntityID, RowGuid |

### BuisnessEntityAddress

| BuisnessEntityAddress |
| --- |
|  |
| BUISNESSENTITYADRESS  BuisnessEntityID, AddressID, AddressTypeID, rowguid |

### AdressType

| AddressType |
| --- |
|  |
| ADDRESSTYPE  AddressTypeID, name, rowguid |

### Address

| Address | | | |
| --- | --- | --- | --- |
| AddressLine2 | City | StateProcvinceID | PostalLacation |
| ADDRESS  AddressID, AddressLine1, SpatialLocation, Rowguid | | | |

### CountryRegion

| CountryRegion |
| --- |
|  |
| COUNTRYREGION  CountryRegionCode, name |

### StateProvince

| StateProvince | | | | |
| --- | --- | --- | --- | --- |
| StateProvinceCode | CountryRegionCode | IsOnlyStateProvinceFlag | Name | TerritoryID |
| StateProvince  StateProviniceID, rowguid | | | | |

## AdventureWorks\_2019\_HumanResources

### Employee

| Employee | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| OrganizationNode | OrganizationLevel | Job  Title | Birth  Date | MartialStatus | Gender | Hire  Date | Salaried  Flag | Vacation  Hours | Sick  Leave  Hours | CurrentFlag | Modified  Date |
| EMPLOYEE  BuisnessEntityID, NationalIDNumber, LoginID, rowguid | | | | | | | | | | | |

### 

### 

### 

### Department

| Department | |
| --- | --- |
| GroupName | ModifiedDate |
| DEPARTMENT  DepartmentID, Name | |

### JobCandidate

| JobCandidate | |
| --- | --- |
| BuisnessEntityID | ModifiedDate |
| JOBCANDIDATE  JobCandidate, Resume | |

## AdventureWorks\_2019\_Sales

### Store

| Store | | |
| --- | --- | --- |
| Name | Demographics | ModifiedDate |
| STORE  BusinessEntityID, rowguid | | |

### Customer

| Customer | | |
| --- | --- | --- |
| StoreID | TerritoryID | ModifiedDate |
| CUSTOMER  CustomerID, PersonID, AccountNumber, rowguid | | |

### SalesPerson

| SalesPerson | | | | |
| --- | --- | --- | --- | --- |
| SalesQuota | Bonus | SalesLastYear | SalesYTD | CommissionPct |
| SALES\_PERSON  BusinessEntityID, TerritoryID, rowguid | | | | |

### SalesTerritory

| SalesTerritory | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Name | CountryRegionCode | Group | SalesYTD | CostLastYear | CostYTD | SalesLastYear |
| SALES\_TERRITORY  TerritoryID, rowguid | | | | | | |

### 

### CountryRegionCurrency

| CountryRegionCurrency | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| ModifiedDate | | | | | | |
| COUNTRY\_REGION\_CURRENCY  CountryRegionCode, CurrencyCode | | | | | | |

### Currency

| Currency | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ModifiedDate | | | | | | | Name | | | | | | |
| CURRENCY  CurrencyCode | | | | | | | | | | | | | |

### SalesOrderHeaderSalesReason

| SalesOrderHeaderSalesReason | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ModifiedDate | | | | | | | | | | | | | |
| SALES\_ORDER\_HEADER\_SALES\_REASON  SalesOrderID, SalesReasonID | | | | | | | | | | | | | |

### SalesReason

| SalesReason | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ModifiedDate | | | | | | | Name | ReasonType | | | | | | |
| SALESREASON  SalesReasonID | | | | | | | | | | | | | | |

### 

### SpecialOfferProduct

| SpecialOfferProduct | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ModifiedDate | | | | | | | | | | | | | |
| SPECIAL\_OFFER\_PRODUCT  SpecialOfferID, ProductID, rowguid | | | | | | | | | | | | | |

### SalesOrderDetail

| SalesOrderDetail | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ModifiedDate | | | | | | | OrderQty | | | | | | | ProductID | | | | | | | SpecialOfferID | | | | | | | UnitPrice | | | | | | | LineTotal | UnitDiscount | | | | | | |
| SALES\_ORDER\_DETAIL  SalesOrderID, SalesOrderDetailID, rowguid, CarrierTrackingNumber | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

### BillOfMaterials

| BillOfMaterials | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ProductAssemblyID | ComponentID | Start  Date | EndDate | UNIT-  MEASURE  UnitMeasureCode  Name  ModifiedDate | BOMLevel | PerAssemblyQty | ModifiedDate |
| BILLOFMATERIALS  BillOfMaterialsID | | | | | | | |

## 

# Feiten

In dit stuk halen we alle feiten uit de database en zetten we de tabellen om van bron- naar feittabel

## AENC

### Bonus

| BONUS\_emp\_id  DATE\_bonus\_date  BONUS\_bonus\_amount  EMPLOYEE\_emp\_id |
| --- |

### 

### Sales\_Order/ Sales\_Order\_Item

| SALES\_ORDER\_id  SALES\_ORDER\_line\_id  SALES\_ORDER\_prod\_id  SALES\_ORDER quantity  SALES\_ORDER\_sales\_rep  DATE\_ship\_date  DATE\_order\_date  CUSTOMER\_SALES\_ORDER\_id  REGION\_region |
| --- |

### Date

| Date |
| --- |
| Year |
| Month |
| Day |
| Timestamp |
| DATE  date |

## Northwind

### Order

| ORDER\_order\_id  ORDER\_product\_id  CUSTOMER\_customer\_id  EMPLOYEE\_employee\_id  DATE\_order\_date  DATE\_required\_date  DATE\_shipped\_date  ORDER\_ship\_via  ORDER\_freight  ORDER\_ship\_name  ORDER\_ship\_address  ORDER\_ship\_city  ORDER\_ship\_region  ORDER\_postalcode  ORDER\_ship\_country  ORDER\_Unit\_price  ORDER\_quantity  ORDER\_discount  PRODUCT\_product\_id  SHIPPER\_shipper\_id |
| --- |

### 

### Date

| Date |
| --- |
| Year |
| Month |
| Day |
| Timestap |
| DATE  date |

## AdventureWorks\_2019\_PRODUCT

| Date |
| --- |
| Year |
| Month |
| Day |
| Timestap |
| DATE  date |

### WorkOrderRouting

| WORKORDER\_WorkOrderID  PRODUCT\_ProductID  WORKORDER\_OperationSequence  WORKORDER\_ScheduledStartDate  WORKORDER\_ScheduledEndDate  WORKORDER\_ActualStartDate  WORKORDER\_ActualEndDate  WORKORDER\_ActualResourceHrs  WORKORDER\_PlannedCost  WORKORDER\_ActualCost  WORKORDER\_StockedQty  WORKORDER\_ScrappedQty  LOCATION\_LocationID  SCRAPREASON\_ScrapReasonID |
| --- |

### ProductCostHistory

| PRODUCT\_ProductID  PRODUCTCOSTHISTORY\_StartDate  PRODUCTCOSTHISTORY\_EndDate  PRODUCTCOSTHISTORY\_StandardCost |
| --- |

### ProductReview

| PRODUCTREVIEW\_ProductReviewID  PRODUCTREVIEW\_ReviewerName  PRODUCTREVIEW\_ReviewDate  PRODUCTREVIEW\_EmailAddress  PRODUCTREVIEW\_Rating  PRODUCTREVIEW\_Comments  PRODUCT\_ProductID |
| --- |

### ProductListPriceHistory

| PRODUCT\_ProductID  PRODUCTLISTPRICEHISTORY\_StartDate  PRODUCTLISTPRICEHISTORY\_EndDate  PRODUCTLISTPRICEHISTORY\_ListPrice |
| --- |

### TransactionHistory

| TRANSACTIONHISTORY\_TransactionID  TRANSACTIONHISTORY\_ReferenceOrderLineID  TRANSACTIONHISTORY\_ReferenceOrderID  TRANSACTIONHISTORY\_TransactionDate  TRANSACTIONHISTORY\_TransactionType  TRANSACTIONHISTORY\_Quantity  TRANSACTIONHISTORY\_ActualCost  PRODUCT\_ProductID |
| --- |

### TransactionHistoryArchive

| TRANSACTIONHISTORYARCHIVE\_TransactionID  TRANSACTIONHISTORYARCHIVE\_ProductID  TRANSACTIONHISTORYARCHIVE\_ReferenceOrderLineID  TRANSACTIONHISTORYARCHIVE\_ReferenceOrderID  TRANSACTIONHISTORYARCHIVE\_TransactionDate  TRANSACTIONHISTORYARCHIVE\_TransactionType  TRANSACTIONHISTORYARCHIVE\_Quantity  TRANSACTIONHISTORYARCHIVE\_ActualCost |
| --- |

## AdventureWorks\_2019\_Purchasing

### ShipMethod

| SHIPMETHOD\_ShipMethodID  SHIPMETHOD\_Name  SHIPMETHOD\_ShipBase  SHIPMETHOD\_ShipRate |
| --- |

### 

### PurchaseOrderHeader

| PURCHASEORDERHEADER\_PurchaseOrderID  PURCHASEORDERHEADER\_PurchaseOrderDetailID  PURCHASEORDERHEADER\_Status  PURCHASEORDERHEADER\_SubTotal  PURCHASEORDERHEADER\_TaxAmt  PURCHASEORDERHEADER\_Freight  PURCHASEORDERHEADER\_TotalDue  PURCHASEORDERHEADER\_PURCHASEORDERDETAIL\_OrderQty  PURCHASEORDERHEADER\_PURCHASEORDERDETAIL\_UnitPrice  PURCHASEORDERHEADER\_PURCHASEORDERDETAIL\_LineTotal  PURCHASEORDERHEADER\_PURCHASEORDERDETAIL\_RecievedQty  PURCHASORDERHEADER\_PURCHASEORDERDETAIL\_RejectedQty  PURCHASORDERHEADER\_PURCHASEORDERDETAIL\_StockedQty  EMPLOYEE\_EmployeeID VENDOR\_VerndorID SHIPMETHOD\_ShipMethodID  DATE\_ShipDate  PRODUCT\_ProductID |
| --- |

## AdventureWorks\_2019\_Person

## AdventureWorks\_2019\_HumanResources

### EmployeePayHistory

| EMPLOYEE\_BuisnessEntityID  EMPLOYEEPAYHISTORY\_RateChangeDate  EMPLOYEEPAYHISTORY\_Rate  EMPLOYEEPAYHISTORY\_PayFrequency |
| --- |

### Shift

| SHIFT\_ShiftID  SHIFT\_Name  SHIFT\_StartTime  SHIFT\_EndTime |
| --- |

### EmployeeDepartmentHistory

| EMPLOYEEDEPARTMENTHISTORY\_BuisnessEntityID  EMPLOYEEDEPARTMENTHISTORY\_DepartmentID  SHIFT\_ShiftID  EMPLOYEEDEPARTMENTHISTORY\_StartDate  EMPLOYEEDEPARTMENTHISTORY\_EndDate |
| --- |

## AdventureWorks\_2019\_Sales

### CurrencyRate

| CURRENCYRATE\_CurrencyRateID  CURRENCYRATE\_CurrencyRateDate  CURRENCYRATE\_AverageRate  CURRENCYRATE\_EndOfDayRate  CURRENCY\_FromCurrencyCode  CURRENCY\_ToCurrencyCode |
| --- |

### SalesPersonQuotaHistory

| SALESPERSONQUOTAHISTORY\_BusinessEntityID  SALESPERSONQUOTAHISTORY\_QuotaDate  SALESPERSONQUOTAHISTORY\_SalesQuota |
| --- |

### 

### SalesTerritoryHistory

| SALESTERRITORYHISTORY\_BusinessEntityID  SALESTERRITORYHISTORY\_TerritoryID  DATE\_StartDate  DATE\_EndDate |
| --- |

### SalesTaxRate

| SALESTAXRATE\_SalesTaxRateID  SALESTAXRATE\_StateProvinceID  SALESTAXRATE\_TaxType  SALESTAXRATE\_TaxRate  SALESTAXRATE\_Name |
| --- |

### SpecialOffer

| SPECIALOFFER\_SpecialOfferID  SPECIALOFFER\_Description  SPECIALOFFER\_DiscountPct  SPECIALOFFER\_Type  SPECIALOFFER\_Category  DATE\_StartDate  DATE\_EndDate  SPECIALOFFER\_MinQty  SPECIALOFFER\_MaxQty |
| --- |

### 

### SalesOrderHeader

| SALESORDERHEADER\_SalesOrderID  SALESORDERHEADER\_RevisionNumber  DATE\_OrderDate  DATE\_DueDate  DATE\_ShipDate  SALESORDERHEADER\_Status  SALESORDERHEADER\_OnlineOrderFlag  SALESORDERHEADER\_SubTotal  SALESORDERHEADER\_TaxAmt  SALESORDERHEADER\_Freight  SALESORDERHEADER\_TotalDue  SALESORDERHEADER\_Comment  CUSTOMER\_CustomerID  SALESPERSON\_SalesPersonID  SALESTERRITORY\_TerritoryID  ADDRESS\_BillToAddressID  ADDRESS\_ShipToAddressID  SHIPMETHOD\_ShipMethodID  CREDITCARD\_CreditCardID  CREDITCARD\_CreditCardApprovalCode  CURRENCYRATE\_CurrencyRateID |
| --- |

# ETL

## AENC

### Employee / Department

| EMPLOYEE\_emp\_id  EMPLOYEE\_phone  EMPLOYEE\_ss\_number  EMPLOYEE\_emp\_fullname  EMPLOYEE\_STATE\_state\_id  EMPLOYEE\_STATE\_state\_name  EMPLOYEE\_STATE\_state\_capital  EMPLOYEE\_STATE\_country  EMPLOYEE\_STATE\_REGION\_region  EMPLOYEE\_city  EMPLOYEE\_zip  EMPLOYEE\_street  EMPLOYEE\_status  EMPLOYEE\_salary  EMPLOYEE\_DATE\_start\_date  EMPLOYEE\_termination  EMPLOYEE\_DATE\_birthdate  EMPLOYEE\_bene\_health  EMPLOYEE\_manager\_id  EMPLOYEE\_DEPARTMENT\_dept\_id  EMPLOYEE\_DEPARTMENT\_dept\_name  EMPLOYEE\_DEPARTMENT\_dept\_head\_id |
| --- |

### 

### Product

| PRODUCT\_id  PRODUCT\_description  PRODUCT\_name  PRODUCT\_prod\_size  PRODUCT\_color  PRODUCT\_quantity  PRODUCT\_unit\_prize  PRODUCT\_picture\_name  PRODUCT\_category |
| --- |

### 

### Customer/ State / Region

| CUSTOMER\_id  CUSTOMER\_fname  CUSTOMER\_lname  CUSTOMER\_phone  CUSTOMER\_STATE\_state\_id  CUSTOMER\_STATE\_state\_name  CUSTOMER\_STATE\_state\_capital  CUSTOMER\_STATE\_country  CUSTOMER\_STATE\_REGION\_region  CUSTOMER\_city  CUSTOMER\_zip  CUSTOMER\_address  CUSTOMER\_company\_name |
| --- |

## Northwind

### Employee

| EMPLOYEE\_employee\_id  EMPLOYEE\_full\_name  EMPLOYEE\_country  EMPLOYEE\_REGION\_region\_id  EMPLOYEE\_REGION\_description  EMPLOYEE\_EMPLOYEE\_TERRITORIES\_employee\_id  EMPLOYEE\_EMPLOYEE\_TERRITORIES\_TERRITORY\_territory\_id  EMPLOYEE\_EMPLOYEE\_TERRITORIES\_TERRITORY\_territory\_description  EMPLOYEE\_EMPLOYEE\_TERRITORIES\_TERRITORY\_region\_id  EMPLOYEE\_city  EMPLOYEE\_zip  EMPLOYEE\_address  EMPLOYEE\_title  EMPLOYEE\_title\_of\_coutesy  EMPLOYEE\_birthdate  EMPLOYEE\_hire\_date  EMPLOYEE\_extension  EMPLOYEE\_photo  EMPLOYEE\_reports\_to  EMPLOYEE\_photo\_path |
| --- |

### Customer

| CUSTOMER\_customer\_id  CUSTOMER\_phone  CUSTOMER\_fax  CUSTOMER\_country  CUSTOMER\_region  CUSTOMER\_city  CUSTOMER\_zip  CUSTOMER\_address  CUSTOMER\_company\_name  CUSTOMER\_contact\_name  CUSTOMER\_contact\_title  CUSTOMER\_CUSTOMER\_DEMOGRAPHIC\_customer\_desc |
| --- |

### Shipper

| SHIPPER\_shipper\_id  SHIPPER\_company\_name  SHIPPER\_phone |
| --- |

### Product

| PRODUCT\_product\_id  PRODUCT\_product\_name  PRODUCT\_county  PRODUCT\_region  PRODUCT\_city  PRODUCT\_zip  PRODUCT\_address  PRODUCT\_SUPPLIER\_supplier\_id  PRODUCT\_SUPPLIER\_company\_name  PRODUCT\_SUPPLIER\_contact\_name  PRODUCT\_SUPPLIER\_contact\_title  PRODUCT\_SUPPLIER\_phone  PRODUCT\_SUPPLIER\_fax  PRODUCT\_SUPPLIER\_home\_page  PRODUCT\_CATEGORY\_category\_id  PRODUCT\_CATEGORY\_catagory\_name  PRODUCT\_CATEGORY\_description  PRODUCT\_CATEGORY\_picture  PRODUCT\_quantity\_per\_unit  PRODUCT\_unit\_price  PRODUCT\_units\_in\_stock  PRODUCT\_units\_on\_order  PRODUCT\_recorder\_level  PRODUCT\_discontinued |
| --- |

## 

## ADVENTUREWORKS\_2019\_PRODUCTION

### Product

| PRODUCT |
| --- |
| PRODUCT\_product\_id  PRODUCT\_name  PRODUCT\_productnumber  PRODUCT\_makeflag  PRODUCT\_finishedgoodsflag  PRODUCT\_color  PRODUCT\_safetylocklevel  PRODUCT\_recordpoint  PRODUCT\_standardcost  PRODUCT\_listprice  PRODUCT\_size  PRODUCT\_sellenddate  PRODUCT\_weightunitmeasurecode  PRODUCT\_weight  PRODUCT\_daystomanifacture  PRODUCT\_productline  PRODUCT\_class  PRODUCT\_style  PRODUCT\_sellstartdate  PRODUCT\_DiscontinuedDate  PRODUCT\_UNITMEASURE\_UnitMeasureCode  PRODUCT\_UNITMEASURE\_Name  PRODUCT\_PRODUCT\_SUBCATEGORY\_Product\_Subcategory\_Id  PRODUCT\_PRODUCT\_SUBCATEGORY\_Name  PRODUCT\_PRODUCT\_CATEGORY\_Product\_Category\_id  PRODUCT\_PRODUCT\_CATEGORY\_name  PRODUCT\_PRODUCTMODEL\_ProductModelId  PRODUCT\_PRODUCTMODEL\_Name  PRODUCT\_PRODUCTMODEL\_CatalogDescription  PRODUCT\_PRODUCTMODEL\_Instructions |

### ProductInventory

| PRODUCTINVENTORY |
| --- |
| PRODUCTINVENTORY\_ProductID  PRODUCTINVENTORY\_LocationID  PRODUCTINVENTORY\_LOCATION\_Name  PRODUCTINVENTORY\_LOCATION\_CostRate  PRODUCTINVENTORY\_LOCATION\_Availability  PRODUCTINVENTORY\_Shelf  PRODUCTINVENTORY\_Bin  PRODUCTINVENTORY\_Quantity |

### ScrapReason

| SCRAPREASON |
| --- |
| SCRAPREASON\_ScrapReasonID  SCRAPREASON\_Name |

### ProductProductPhoto

| PRODUCTPRODUCTPHOTO |
| --- |
| PRODUCTPRODUCTPHOTO\_ProductPhotoID  PRODUCTPRODUCTPHOTO\_PRODUCTPHOTO\_ProductID  PRODUCTPRODUCTPHOTO\_PRODUCTPHOTO\_ThumbnailPhoto  PRODUCTPRODUCTPHOTO\_PRODUCTPHOTO\_ThumbnailPhotoFileName  PRODUCTPRODUCTPHOTO\_PRODUCTPHOTO\_LargePhoto  PRODUCTPRODUCTPHOTO\_PRODUCTPHOTO\_LargePhotoFileName  PRODUCTPRODUCTPHOTO\_Primary |

### ProductModelIllustration

| PRODUCTMODELILLUSTRATION |
| --- |
| PRODUCTMODELILLUSTRATION\_ProductModelID  PRODUCTMODELILLUSTRATION\_IllustrationID  PRODUCTMODELILLUSTRATION\_ILLUSTRATION\_IllustrationID  PRODUCTMODELILLUSTRATION\_ILLUSTRATION\_Diagram  PRODUCTMODELILLUSTRATION\_PRODUCTMODEL\_ProductModelID  PRODUCTMODELILLUSTRATION\_PRODUCTMODEL\_Name  PRODUCTMODELILLUSTRATION\_PRODUCTMODEL\_CatalogDescription  PRODUCTMODELILLUSTRATION\_PRODUCTMODEL\_Instructions |

### ProductModelProductDescription

| PRODUCTMODELPRODUCTDESCRIPTIONCULTURE\_ |
| --- |
| PRODUCTMODELPRODUCTDESCRIPTIONCULTURE\_ProductModelID  PRODUCTMODELPRODUCTDESCRIPTIONCULTURE\_ProductDescriptionID  PRODUCTMODELPRODUCTDESCRIPTIONCULTURE\_CultureID  PRODUCTMODELPRODUCTDESCRIPTIONCULTURE\_CULTURE\_CultureID  PRODUCTMODELPRODUCTDESCRIPTIONCULTURE\_CULTURE\_Name |

### ProductDescription

| PRODUCTDESCRIPTION |
| --- |
| PRODUCTDESCRIPTION\_ProductDescriptionID  PRODUCTDESCRIPTION\_Description |

### ProductDocument

| PRODUCTDOCUMENT |
| --- |
| PRODUCTDOCUMENT\_ProductID  PRODUCTDOCUMENT\_DocumentNode  PRODUCTDOCUMENT\_DOCUMENT\_DocumentLevel  PRODUCTDOCUMENT\_DOCUMENT\_Title  PRODUCTDOCUMENT\_DOCUMENT\_Owner  PRODUCTDOCUMENT\_DOCUMENT\_FolderFlag  PRODUCTDOCUMENT\_DOCUMENT\_FileName  PRODUCTDOCUMENT\_DOCUMENT\_FileExtension  PRODUCTDOCUMENT\_DOCUMENT\_Revision  PRODUCTDOCUMENT\_DOCUMENT\_ChangeNumber  PRODUCTDOCUMENT\_DOCUMENT\_Status  PRODUCTDOCUMENT\_DOCUMENT\_DocumentSummary  PRODUCTDOCUMENT\_DOCUMENT\_Document |

## ADVENTUREWORKS\_2019\_PURCHASING

### ProductVendor

| PRODUCTVENDOR\_ProductId  PRODUCTVENDOR\_VENDOR\_BusinessEntityID  PRODUCTVENDOR\_VENDOR\_AccountNumber  PRODUCTVENDOR\_VENDOR\_Name  PRODUCTVENDOR\_VENDOR\_CreditRating  PRODUCTVENDOR\_VENDOR\_PreferredVendorStatus  PRODUCTVENDOR\_VENDOR\_ActiveFlag  PRODUCTVENDOR\_VENDOR\_PurchaseWebServiceURL  PRODUCTVENDOR\_VENDOR\_iconURL  PRODUCTVENDOR\_AverageLeadTime  PRODUCTVENDOR\_StandardPrice  PRODUCTVENDOR\_LastReciptCost  PRODUCTVENDOR\_MinOrderQty  PRODUCTVENDOR\_MaxOrderQty  PRODUCTVENDOR\_OnOrderQty  PRODUCTVENDOR\_UNITMEASURE\_UnitMeasureCode  PRODUCTVENDOR\_UNITMEASURE\_Name |
| --- |

### 

## ADVENTUREWORKS\_2019\_PERSON

### PersonPhone

| PersonPhone |
| --- |
| PERSONPHONE\_BusinessEntityID  PERSONPHONE\_PhoneNumber  PERSONPHONE\_PhoneNumberTypeID  PERSONPHONE\_PHONENUMBERTYPE\_PhoneNumberTypeID  PERSONPHONE\_PHONENUMBERTYPE\_Name |

| Person |
| --- |
| PERSON\_BusinessEntityID  PERSON\_Fullname  PERSON\_Demographics  PERSON\_PersonType  PERSON\_NameStyle  PERSON\_Title  PERSON\_Email\_Promotion  PERSON\_AdditionallContactInfo |

### Password

| Password |
| --- |
| PASSWORD\_BusinessEntityID  PASSWORD\_PasswordHash  PASSWORD\_PasswordSalt |

### EmailAddress

| EmailAddress |
| --- |
| EMAILADDRESS\_BuisnessEntityID  EMAILADDRESS\_EmailAddressID  EMAILADDRESS\_EmailAddress |

### BusinessEntityContact

| BuisnessEntityContact |
| --- |
| BUSINESSENTITYCONTACT\_BusinessEntityID  BUSINESSENTITYCONTACT\_PersonID  BUSINESSENTITYCONTACT\_CONTACTTYPE\_Name |

### 

### BusinessEntity

| BuisnessEntity |
| --- |
| BUSINESSENTITY\_BusinessEntityID |

### BusinessEntityAddress

| BusinessEntityAddress |
| --- |
| BUSINESSENTITYADRESS\_BusinessEntityID  BUSINESSENTITYADRESS\_AddressID  BUSINESSENTITYADRESS\_AddressTypeID |

### AdressType

| AddressType |
| --- |
| ADDRESSTYPE\_AddressTypeID  ADDRESSTYPE\_name |

### Address

| Address |
| --- |
| ADDRESS\_AddressID  ADDRESS\_AddressLine1  ADDRESS\_SpatialLocation  ADDRESS\_AddressLine2  ADDRESS\_City  ADDRESS\_StateProcvinceID  ADDRESS\_PostalLacation |

### CountryRegion

| CountryRegion |
| --- |
| COUNTRYREGION\_CountryRegionCode  COUNTRYREGION\_name |

### 

### StateProvince

| StateProvince |
| --- |
| StateProvince\_StateProviniceID  StateProvince\_StateProvinceCode  StateProvince\_CountryRegionCode  StateProvince\_IsOnlyStateProvinceFlag  StateProvince\_Name  StateProvince\_TerritoryID |

## 

## AdventureWorks\_2019\_HumanResources

| Employee |
| --- |
| EMPLOYEE\_BusinessEntityID  EMPLOYEE\_NationalIDNumber  EMPLOYEE\_LoginID  EMPLOYEE\_OrganizationNode  EMPLOYEE\_OrganizationLevel  EMPLOYEE\_Job\_Title  EMPLOYEE\_BirthDate  EMPLOYEE\_Martial\_Status  EMPLOYEE\_Gender  EMPLOYEE\_HireDate  EMPLOYEE\_Salaried\_Flag  EMPLOYEE\_Vacation\_Hours  EMPLOYEE\_Sick\_Leave\_Hours  EMPLOYEE\_CurrentFlag |

| Department |
| --- |
| DEPARTMENT\_DepartmentID  DEPARTMENT\_Name  DEPARTMENT\_GroupName |

| JobCandidate |
| --- |
| JOBCANDIDATE\_JobCandidate  JOBCANDIDATE\_Resume  JOBCANDIDATE\_BuisnessEntityID |

## ADVENTUREWORKS\_2019\_SALES

| Store |
| --- |
| STORE\_BusinessEntityID  STORE\_Name  STORE\_Demographics |

| Customer |
| --- |
| CUSTOMER\_CustomerID  CUSTOMER\_PersonID  CUSTOMER\_AccountNumber  CUSTOMER\_StoreID  CUSTOMER\_TerritoryID |

## 

| SalesPerson |
| --- |
| SALESPERSON\_BusinessEntityID  SALESPERSON\_TerritoryID  SALESPERSON\_SalesQuota  SALESPERSON\_Bonus  SALESPERSON\_SalesLastYear  SALESPERSON\_SalesYTD  SALESPERSON\_CommissionPct |

| SalesTerritory |
| --- |
| SALESTERRITORY\_TerritoryID  SALESTERRITORY\_Name  SALESTERRITORY\_CountryRegionCode  SALESTERRITORY\_Group  SALESTERRITORY\_SalesYTD  SALESTERRITORY\_CostLastYear  SALESTERRITORY\_CostYTD  SALESTERRITORY\_SalesLastYear |

| CountryRegionCurrency | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| COUNTRYREGIONCURRENCY\_CountryRegionCode  COUNTRYREGIONCURRENCY\_CurrencyCode | | | | | | |

| Currency | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| CURRENCY\_CurrencyCode  CURRENCY\_Name | | | | | | |

| SalesOrderHeaderSalesReason | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| SALESORDERHEADERSALESREASON\_SalesOrderID  SALESORDERHEADERSALESREASON\_SalesReasonID | | | | | | |

| SpecialOfferProduct | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| SPECIALOFFERPRODUCT\_SpecialOfferID  SPECIALOFFERPRODUCT\_ProductID | | | | | | |

| SalesOrderDetail | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| SALESORDERDETAIL\_SalesOrderID  SALESORDERDETAIL\_SalesOrderDetailID  SALESORDERDETAIL\_CarrierTrackingNumber  SALESORDERDETAIL\_OrderQty  SALESORDERDETAIL\_ProductID  SALESORDERDETAIL\_SpecialOfferID  SALESORDERDETAIL\_UnitPrice  SALESORDERDETAIL\_LineTotal  SALESORDERDETAIL\_UnitDiscount | | | | | | |

| BillOfMaterials | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| BILLOFMATERIALS\_BillOfMaterialsID  BILLOFMATERIALS\_ProductAssemblyID  BILLOFMATERIALS\_ComponentID  BILLOFMATERIALS\_StartDate  BILLOFMATERIALS\_EndDate  BILLOFMATERIALS\_UNITMEASURE\_UnitMeasureCode  BILLOFMATERIALS\_UNITMEASURE\_Name  BILLOFMATERIALS\_BOMLevel  BILLOFMATERIALS\_PerAssemblyQty | | | | | | |

# Shortlist

## Omzet

**Relevantie van de afhankelijke variabele:**

Als je de omzet voor de komende maand, kwartaal of jaar van tevoren kunt inschatten, kan je betere beslissingen nemen over budgetallocatie, voorraadbeheer, marketinguitgaven en personeelsplanning. Weten welke periodes mogelijk lagere omzetten hebben, kan leiden tot proactieve maatregelen om de verkoop te stimuleren. Omgekeerd kunnen periodes met verwachte hogere omzetten leiden tot voorraad- en personeel verhogingen om aan de vraag te voldoen.

**Bijpassende onafhankelijke variabelen:**

*Marketinguitgaven:* De hoeveelheid geld besteed aan marketingcampagnes kan een directe invloed hebben op de omzet.

*Seizoensgebonden factoren:* De tijd van het jaar, zoals vakanties en feestdagen, kan de omzet sterk beïnvloeden.

*Productprijzen:* Prijsveranderingen of promoties kunnen de omzet verhogen of verlagen.

*Economische indicatoren*: Zoals werkloosheidscijfers of consumentenvertrouwen, die de koopkracht en het koopgedrag van klanten beïnvloeden.

## Aantal Verkochte Eenheden

**Relevantie van de afhankelijke variabele:**

Inzicht in het aantal verkochte eenheden kan helpen bij voorraadbeheer, productieplanning en logistiek. Als je weet welke producten populairder zullen zijn, kan je voorraadniveaus en productiecapaciteit aanpassen om aan de vraag te voldoen en overmatige voorraadkosten te vermijden.

**Bijpassende onafhankelijke variabelen:**

*Productcategorie:* Verschillende productcategorieën kunnen verschillende verkooptrends vertonen.

*Verkoopkanaal:* Online verkoop, fysieke winkels, of B2B verkoop kunnen verschillende verkooppatronen vertonen.

*Historische verkoopgegevens:* Trends uit het verleden kunnen toekomstige verkopen voorspellen.

*Klantsegmentatie:* Verschillende klantgroepen kunnen verschillende koop gedragingen vertonen.

## Retourpercentage

**Relevantie van de afhankelijke variabele:**

Inzicht in retourpercentages helpt bij kwaliteitscontrole, productontwikkeling en klantenserviceverbeteringen. Het kan ook helpen bij het minimaliseren van operationele kosten door retouren te verminderen.

**Bijpassende onafhankelijke variabelen:**

*Productkwaliteit:* Lager kwaliteitsproducten hebben meestal hogere retourpercentages.

*Verkoopkanaal:* Verschillende verkoopkanalen kunnen verschillende retourpercentages hebben.

*Klantfeedback:* Directe feedback van klanten over redenen voor retouren kan waardevolle inzichten bieden.

*Productinformatie:* Duidelijke en gedetailleerde productinformatie kan het aantal retouren verminderen doordat klanten beter geïnformeerde aankopen doen.

## Voorraadniveau (Inventory Level)

**Relevantie van de afhankelijke variabele:**

Effectief voorraadbeheer is cruciaal voor het verminderen van kosten en het verbeteren van de klantervaring. Te veel voorraad kan leiden tot hoge opslagkosten, terwijl te weinig voorraad kan resulteren in gemiste verkoopkansen en ontevreden klanten.

**Bijpassende onafhankelijke variabelen:**

*Verkoopprognoses:* Geschatte toekomstige verkopen helpen bij het bepalen van de benodigde voorraadniveaus.

*Lead time van leveranciers:* De tijd die leveranciers nodig hebben om producten te leveren.

*Seizoensgebonden vraag:* Invloeden zoals vakanties en seizoensgebonden trends.

*Historische voorraadgegevens:* Patronen uit het verleden kunnen helpen bij het voorspellen van toekomstige voorraad behoeften.

Deze variabelen en hun bijbehorende kenmerken kunnen helpen bij het maken van datagestuurde beslissingen binnen de AdventureWorks database.

# Leercoaching

**Maak aan de hand van de sterke punten, een gezamenlijke STARRT die laat zien hoe jullie de sterke punten van de groep benut hebben in het realiseren van het project.**

Sterke punten:

Ervaring met samenwerking (begin dit jaar al)

Verschillende en diverse kwaliteiten

Taakverdeling

*Situatie:*

Het maken van het DEDS project.

*Taak:*

Het project dat gemaakt moest worden was alles wat we in de afgelopen 10 weken in de DEDS lessen hebben geleerd toepassen op een aantal databases die we gekregen hebben.   
*Actie:*

Aangezien we een gezamenlijk project moesten maken waarin we 10 weken lesstof binnen 4 weken moesten realiseren, was het belangrijk dat we een goede samenwerking hadden. Vorig semester moesten we ook een project maken, en dat hebben we in exact hetzelfde groepje gedaan. *Resultaat:*

We hebben voor dit project kunnen inspelen op iedereen zijn sterke en zwakkere punten en hierdoor efficiënt ons project kunnen maken.

*Reflectie:*

Voor een groot project zoals we gekregen hebben was dit een goede manier om het op tijd af te krijgen, een nadeel is wel dat je hier uit wat minder andere taken leert aangezien de omvang van het project. Om alles hieruit te kunnen halen moesten we doen waar we al goed in waren.

*Toekomst:*

Voor een toekomstig project zouden wij hopen op iets minder groots, zodat we allemaal wat nieuwe skills kunnen leren en toepassen.

Maak aan de hand van de zwakke punten, een gezamenlijke STARRT die laat zien hoe jullie deze zwakke punten van overwonnen hebben in het realiseren van het project

Zwakke Punten:

Aanwezigheid

Planning

Concentratie op een taak

Situatie: Voor het maken van ons DEDS project hebben wij veel zelfstandig online afgesproken om aan het project te werken. Tijdens deze meetings werkten we helaas niet alleen maar aan het project aangezien we soms afgeleid werden en andere dingen gingen doen.

Taak: We moesten even goed onderling bespreken dat we vaart moesten gaan maken in het project en de concentratie er bij moesten houden.

Actie: We hebben afgesproken bij de meetings om gewoon aan school te zitten tot de taak die op de planning stond van die dag af was. Daarna was tijd voor andere dingen

Resultaat: Dit hielp enorm. Door onze goede communicatie en samenwerking hebben we onze concentratieproblemen op kunnen lossen en zijn we weer op schema.

Reflectie: We hebben geleerd dat het tijdens vooral een klein project heel belangrijk is om je goed te concentreren op de uren dat je samen kan komen en het houden aan de initieel gemaakte planning

Toekomst: In volgende projecten moeten we vanaf het begin duidelijke afspraken maken. En we moeten minder afgeleid raken tijdens project uren

**Welke Opportunities hebben jullie benut en welke Threats zijn jullie tegengekomen**

Opportunities:

Leergierigheid

Effectieve samenwerking

Threats:

Luiheid

Miscommunicatie