

IE6700 Data Management for Analytics

Milestone: Implementation in MySQL

Group 5

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Percentage of Effort Contributed by Student1: 50%

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1. DDL Command

```
CREATE DATABASE IF NOT EXISTS project;
```

```
USE project;
```

```
-- Create USER table
```

```
CREATE TABLE USER (
```

```
    UserID INT PRIMARY KEY,  
    userName VARCHAR(255),  
    userEmailID VARCHAR(255),  
    userAddress VARCHAR(255),  
    City VARCHAR(255),  
    State VARCHAR(255),  
    zipCode VARCHAR(10),  
    userPhoneNr VARCHAR(20),  
    UserType VARCHAR(50)
```

```
);
```

```
-- Create DRIVER table
```

```
CREATE TABLE DRIVER (
```

```
    DriverID INT PRIMARY KEY,  
    name VARCHAR(255),  
    licenseNr VARCHAR(50),  
    shiftDay VARCHAR(50),  
    location VARCHAR(255)
```

```
);
```

```
-- Create VEHICLE table  
  
CREATE TABLE VEHICLE (  
    VinNr VARCHAR(50) PRIMARY KEY,  
    maek VARCHAR(255),  
    model VARCHAR(255),  
    Year INT,  
    Loc VARCHAR(255)  
);
```

```
-- Create Route table  
  
CREATE TABLE Route (  
    RouteID INT PRIMARY KEY,  
    startLoc VARCHAR(255),  
    EndLoc VARCHAR(255),  
    Stop1 VARCHAR(255),  
    Stop2 VARCHAR(255),  
    Stop3 VARCHAR(255),  
    Stop4 VARCHAR(255),  
    Stop5 VARCHAR(255),  
    Distance FLOAT  
);
```

```
-- Create Delivery table  
  
CREATE TABLE Delivery (  
    RouteID INT,  
    VinNr VARCHAR(50),  
    DriverID INT,  
    FOREIGN KEY (RouteID) REFERENCES Route(RouteID),
```

```
FOREIGN KEY (VinNr) REFERENCES VEHICLE(VinNr),  
FOREIGN KEY (DriverID) REFERENCES DRIVER(DriverID)  
);
```

-- Create PRODUCT table

```
CREATE TABLE PRODUCT (  
    ProductID INT PRIMARY KEY,  
    name VARCHAR(255),  
    price DECIMAL(10,2),  
    category VARCHAR(255),  
    expiryDate DATE  
);
```

-- Create SUPPLIER table

```
CREATE TABLE SUPPLIER (  
    SupplierID INT PRIMARY KEY,  
    VAT VARCHAR(50),  
    name VARCHAR(255),  
    phoneNr VARCHAR(20),  
    address VARCHAR(255),  
    email VARCHAR(255)  
);
```

-- Create SUPPLY table

```
CREATE TABLE SUPPLY (  
    SupplierID INT,  
    ProductID INT,  
    FOREIGN KEY (SupplierID) REFERENCES SUPPLIER(SupplierID),  
    FOREIGN KEY (ProductID) REFERENCES PRODUCT(ProductID)
```

```
);
```

```
-- Create Warehouse table
```

```
CREATE TABLE Warehouse (
```

```
    WarehosueID INT PRIMARY KEY,
```

```
    Location VARCHAR(255),
```

```
    Capacity INT
```

```
);
```

```
-- Create INVENTORY table
```

```
CREATE TABLE INVENTORY (
```

```
    WarehosueID INT,
```

```
    ProductID INT,
```

```
    quantityInStock INT,
```

```
    PRIMARY KEY (WarehosueID, ProductID),
```

```
    FOREIGN KEY (WarehosueID) REFERENCES Warehouse(WarehosueID),
```

```
    FOREIGN KEY (ProductID) REFERENCES PRODUCT(ProductID)
```

```
);
```

```
-- Create PROMOTION table
```

```
CREATE TABLE PROMOTION (
```

```
    PromotionID INT PRIMARY KEY,
```

```
    name VARCHAR(255),
```

```
    description TEXT,
```

```
    VaildFrom DATE,
```

```
    VaildTo DATE
```

```
);
```

```
-- Create ORDERS table
```

```
CREATE TABLE ORDERS (
    OrderID INT PRIMARY KEY,
    productID INT,
    amount INT,
    orderStatus VARCHAR(50),
    orderDate DATE,
    RouteID INT,
    WarehosueID INT,
    PromotionID INT,
    FOREIGN KEY (productID) REFERENCES PRODUCT(ProductID),
    FOREIGN KEY (RouteID) REFERENCES Route(RouteID),
    FOREIGN KEY (WarehosueID) REFERENCES Warehouse(WarehosueID),
    FOREIGN KEY (PromotionID) REFERENCES PROMOTION(PromotionID)
);
```

-- Create SUBSCRIPTION table

```
CREATE TABLE SUBSCRIPTION (
    SubID INT PRIMARY KEY,
    startDate DATE,
    endDate DATE,
    frequency VARCHAR(50),
    status VARCHAR(50),
    UserID INT,
    OrderID INT,
    FOREIGN KEY (UserID) REFERENCES USER(UserID),
    FOREIGN KEY (OrderID) REFERENCES ORDERS(OrderID)
);
```

-- Create EXTRA_ITEM table

```
CREATE TABLE EXTRA_ITEM (
    UserID INT,
    OrderID INT,
    productID INT,
    quanlity INT,
    FOREIGN KEY (UserID) REFERENCES USER(UserID),
    FOREIGN KEY (OrderID) REFERENCES ORDERS(OrderID),
    FOREIGN KEY (productID) REFERENCES PRODUCT(ProductID)
);
```

```
-- Create FEEDBACK table
CREATE TABLE FEEDBACK (
    fbID INT PRIMARY KEY,
    rating INT,
    comments TEXT,
    date DATE,
    UserID INT,
    OrderID INT,
    FOREIGN KEY (UserID) REFERENCES USER(UserID),
    FOREIGN KEY (OrderID) REFERENCES ORDERS(OrderID)
);
```

```
-- Create PAYMENT table
CREATE TABLE PAYMENT (
    PayNr INT PRIMARY KEY,
    DueDate DATE,
    amount DECIMAL(10,2),
    OrderID INT,
    FOREIGN KEY (OrderID) REFERENCES ORDERS(OrderID)
```

);

2. database

USER (UserID, userName, userEmailID, userAddress, City, State, zipCode, userPhoneNr, UserType)

	user_data							
<u>UserID</u>	<u>UserName</u>	<u>UserEmailID</u>	<u>UserAddress</u>	<u>City</u>	<u>State</u>	<u>ZipCode</u>	<u>PhoneNr</u>	<u>UserType</u>
F60638	Kelli Bowman	carl60@example.com	924 Eric Union Apt. 077, New York, NY, 10001	New York	NY	10001	+1-392-309-9189x57493	Family User
B79933	Julie Bell	carla80@lewis-woods.org	52597 Jeremy Lights Apt. 762, Los Angeles, CA, 90001	Los Angeles	CA	90001	(675)390-7275	Business User
B19439	April Baker	tim99@burns.com	319 Key Light Suite 590, Boston, MA, 02115	Boston	MA	2115	(446)430-2936	Business User
F44564	Kevin Kramer	cameron06@example.com	6654 Daniel Station, Boston, MA, 02115	Boston	MA	2115	(827)888-8295	Family User
F48701	Angelica Rowe	jacksongeorge@example.net	462 Bennett Way Suite 011, Los Angeles, CA, 90001	Los Angeles	CA	90001	737.276.9574x9086	Family User
B45710	Jacob Pineda	robersonjesse@lopez.net	201 Howard Road, Boston, MA, 02115	Boston	MA	2115	+1-339-645-9779	Business User
B15153	Shannon Combs	zmoss@russell.biz	272 Amy Isle Suite 494, Boston, MA, 02115	Boston	MA	2115	001-502-838-4682x24678	Business User
B94401	Kenneth Randall	carolyn34@powers.info	9170 Courtney Square, New York, NY, 10001	New York	NY	10001	427-762-1373	Business User
B84602	Dennis Frye	nicholehenderson@yang.org	852 Johnson Stream Apt. 080, New York, NY, 10001	New York	NY	10001	(904)993-6415x198	Business User
F52104	Matthew Perez	kreynolds@example.org	3328 Patrick Loop Apt. 163, Boston, MA, 02115	Boston	MA	2115	623-808-8798	Family User
F48704	Wyatt Bullock	charrison@example.org	6240 Elizabeth Square, New York, NY, 10001	New York	NY	10001	+1-496-631-1210x2675	Family User
F62140	Brandon Solis	nataliehoward@example.com	32423 Riley Mountains, Los Angeles, CA, 90001	Los Angeles	CA	90001	702.886.5381	Family User
F23522	John Hendricks	cynthiaturner@example.com	8065 Graham Grove Suite 782, New York, NY, 10001	New York	NY	10001	(373)679-2265x28200	Family User
B62602	Tiffany Ramos	craig19@clark.org	3699 Leah Roads Suite 877, Los Angeles, CA, 90001	Los Angeles	CA	90001	+1-941-329-4606x745	Business User
F43073	Joseph Gutierrez	christian54@example.net	4766 Berg Ridge, New York, NY, 10001	New York	NY	10001	001-486-244-5566	Family User
F23845	Lori Huffman	jessica83@example.net	2968 Ross Fords, Boston, MA, 02115	Boston	MA	2115	+1-264-520-2588x1707	Family User
F60440	Caitlin Williams	virginia77@example.net	498 Williams Park Apt. 952, Boston, MA, 02115	Boston	MA	2115	(615)992-4252	Family User
F98456	Cody Reed	lawrenceheather@example.net	29679 Danielle Mountain Suite 189, Boston, MA, 02115	Boston	MA	2115	854-521-5327	Family User
B32008	John Thompson	elizabethtreyreynolds@harris.com	126 Smith Island, New York, NY, 10001	New York	NY	10001	+1-355-939-0907x345	Business User
F38054	Dan Johnson	mendozaheather@example.com	988 Harris Burg Apt. 075, New York, NY, 10001	New York	NY	10001	956-350-4331	Family User
F12070	Brittany Bishop	lopezcorey@example.net	167 Aaron Flat Apt. 993, New York, NY, 10001	New York	NY	10001	5074396189	Family User
B94027	Evan Wilson	hshah@steele.com	378 Heather Wells, Los Angeles, CA, 90001	Los Angeles	CA	90001	+1-623-801-1340x082	Business User
B11457	Marcus Harris	dennisjonathan@pearson.com	954 Todd Junctions, Boston, MA, 02115	Boston	MA	2115	457.723.2749x49763	Business User
F15615	Elizabeth Barker	chadsanchez@example.net	2415 Byrd Spur, Boston, MA, 02115	Boston	MA	2115	001-556-322-2973x0846	Family User
F36570	Mason Woods	floresjoe@example.net	6559 Bryan Ferry, Los Angeles, CA, 90001	Los Angeles	CA	90001	855-950-8878x7084	Family User
F51754	Madison Martin	mpeterson@example.org	45664 Jones Locks Apt. 566, New York, NY, 10001	New York	NY	10001	(308)636-0676	Family User
B66258	Paul Crawford	martinezdorothy@thompson-brown.com	3109 Andrew Meadows, Los Angeles, CA, 90001	Los Angeles	CA	90001	(824)262-2201x66844	Business User
F21439	Lisa Aguilar	hahnjoshua@example.com	694 Munoz Vista, Los Angeles, CA, 90001	Los Angeles	CA	90001	260-653-1519	Family User
F18833	Bryan Ruiz	wjohnson@example.org	2245 Brown Crest, Los Angeles, CA, 90001	Los Angeles	CA	90001	303.480.4255x4903	Family User
B91488	Nancy Lee	kathrynsullivan@morales.biz	07725 Cheryl Way, New York, NY, 10001	New York	NY	10001	001-925-876-6343	Business User
B86025	Jacqueline Marquez	eturner@diaz-perkins.org	15506 Young Rapids, New York, NY, 10001	New York	NY	10001	001-260-493-1639	Business User
F18295	Christine Mcclain	owhite@example.org	51211 Deanna Divide, Boston, MA, 02115	Boston	MA	2115	587.623.0124x839	Family User
F14426	Yolanda Hooper	robertlawrence@example.org	93980 Griffin Knoll Suite 487, New York, NY, 10001	New York	NY	10001	370-639-2023x6660	Family User
B44636	Alex Dillon	copelandlaura@shelton.org	084 Yu Creek Suite 080, Boston, MA, 02115	Boston	MA	2115	384.678.6644	Business User
F58379	Donna Kelly	jessica99@example.org	74410 Buck Ridge Apt. 237, Los Angeles, CA, 90001	Los Angeles	CA	90001	001-542-382-3557x4871	Family User

1

0

AVERAGE

MIN 0

MAX 0

COUNTA 201

DRIVER (DriverID, name, licenseNr, shiftDay, location)

drivers				
DriverID	Name	LicenseNr	City	ShiftDay
D9232	Jessica Burton	462124470	New York, NY	Sat
D9059	Chase Bishop	890753334	New York, NY	Tue
D5971	Wesley Griffin	671284320	Boston, MA	Wed
D6187	Barry Aguilar	430222484	New York, NY	Thu
D4485	Thomas Hudson	667723152	New York, NY	Thu
D2058	David Waters	366916335	Boston, MA	Fri
D7360	Richard Barnett	297163084	Boston, MA	Thu
D4161	Donald Sullivan	621246346	Los Angeles, CA	Sun
D5796	Julie Gibson	219219019	Boston, MA	Fri
D9905	Deborah Oliver	142918708	New York, NY	Mon
D1426	Jeffery Green	116578485	Boston, MA	Wed
D9366	Lee Martin	480599822	New York, NY	Fri
D8378	Logan Jacobs	631781312	Los Angeles, CA	Mon
D8212	Shawn Frank	789183483	Boston, MA	Fri
D5958	Barry Hunt	947447744	New York, NY	Sat
D5767	Trevor Hughes	687960683	Los Angeles, CA	Wed
D8899	Bradley Kennedy	334755930	New York, NY	Tue
D6232	Dennis Anderson	213259967	New York, NY	Sat
D7443	John Castro	652579996	Boston, MA	Sat
D7489	Anna Welch	820395076	Los Angeles, CA	Tue
D5622	Michael Santiago	385174773	Boston, MA	Wed
D8398	Erika Gallegos	391773228	Los Angeles, CA	Tue
D4286	Raymond Hoffman	185764580	Boston, MA	Sat
D2548	Michael McKenzie	833314324	Los Angeles, CA	Fri
D9422	Kelly Moore	510004440	New York, NY	Wed

0 AVERAGE 0 MIN 0 MAX 0 COUNTA 31

VEHICLE (VinNr, maek, model, Year, Loc)

vehicles

VinNr	Make	Model	Year	Location
AQU43894T2	Toyota	discuss	1995	Boston, MA
ADQ75725V0	Ford	long	1993	Los Angeles, CA
RVU11580A7	Ford	effect	2009	New York, NY
ESN29654U1	Tesla	street	1997	Los Angeles, CA
DKN58297J9	Volkswagen	community	2013	New York, NY
TEY06042D6	Mercedes-Benz	deep	1990	Los Angeles, CA
ZAS38974T3	Honda	send	1998	Los Angeles, CA
RSY37523W4	Honda	pull	2006	New York, NY
CLI94671A8	Volkswagen	when	2021	Los Angeles, CA
WMX15599Y1	Mercedes-Benz	or	2011	Los Angeles, CA

Route (RouteID, startLoc, EndLoc, Stop1, Stop2, Stop3, Stop4, Stop5, Distance)

route									
RouteID	StartLoc	EndLoc	Stop1	Stop2	Stop3	Stop4	Stop5	Distance	
R867	90003	90003	90002	90005	90005	90001	90001	37	
R997	10001	10005	10004	10003	10002	10004	10001	100	
R610	90004	90003	90004	90004	90004	90002	90004	48	
R147	2105	2103	2103	2101	2102	2101	2101	95	
R927	10004	10004	10001	10003	10002	10001	10005	73	
R802	10001	10002	10003	10004	10004	10001	10003	36	
R115	2102	2105	2105	2103	2101	2105	2101	69	
R649	10004	10005	10005	10002	10003	10001	10002	18	
R316	10004	10002	10005	10001	10002	10005	10004	77	
R234	2101	2103	2105	2102	2102	2103	2101	47	
R747	10005	10005	10001	10002	10002	10005	10004	24	
R810	10005	10001	10004	10001	10002	10005	10003	11	
R823	10003	10001	10005	10002	10001	10001	10003	93	
R320	90003	90001	90005	90005	90003	90004	90004	66	
R910	90003	90004	90003	90002	90004	90001	90002	90	
R674	2102	2101	2104	2104	2102	2104	2103	7	
R944	90004	90002	90002	90002	90001	90005	90004	82	
R896	2104	2105	2103	2105	2104	2104	2103	51	
R788	90001	90003	90005	90005	90004	90002	90005	68	
R722	90001	90004	90004	90003	90003	90001	90002	13	
R793	10001	10004	10005	10005	10002	10002	10005	29	
R135	10004	10002	10004	10003	10005	10004	10002	7	
R559	10002	10003	10005	10003	10002	10003	10003	13	
R712	10004	10004	10002	10005	10002	10005	10004	51	
R392	90003	90003	90002	90002	90002	90001	90001	27	

A 0

AVERAGE

MIN 0

MAX 0

COUNTA 401

Delivery (RouteID, VinNr, DriverID)

	Delivery	
RouteID	VinNr	DriverID
R867	AQU43894T2	D9232
R997	ADQ75725V0	D9059
R610	RVU11580A7	D5971
R147	ESN29654U1	D6187
R927	DKN58297J9	D4485
R802	TEY06042D6	D2058
R115	ZAS38974T3	D7360
R649	RSY37523W4	D4161
R316	CLI94671A8	D5796
R234	WMX15599Y1	D9905
R747	WMX15599Y1	D1426
R810	WMX15599Y1	D9366
R823	WMX15599Y1	D8378
R320	WMX15599Y1	D8212
R910	WMX15599Y1	D5958
R674	WMX15599Y1	D5767
R944	WMX15599Y1	D8899
R896	WMX15599Y1	D6232
R788	WMX15599Y1	D7443
R722	WMX15599Y1	D7489
R793	WMX15599Y1	D5622
R135	WMX15599Y1	D8398
R559	WMX15599Y1	D4286
R712	WMX15599Y1	D2548
R392	WMX15599Y1	D9422

PRODUCT (ProductID, name, price, category, expiryDate)

products

ProductID	Name	Price	Category	ExpiryDate
P44275	Cheese	4.5	Dairy	2024-09-27
P69581	Turkey	10.42	Meat	2025-01-15
P88425	Cream	9.05	Dairy	2024-06-22
P70208	Grape	3.71	Fruit	2025-01-31
P87044	Apple	2.16	Fruit	2024-11-10
P70669	Watermelon	2.4	Fruit	2024-11-14
P99551	Toast	11.45	Breakfast	2024-09-09
P91528	Cookie	3.55	Dessert	2024-04-01
P75071	Banana	1.71	Fruit	2024-06-06
P93441	Cheese	3.06	Dairy	2024-10-17
P76225	Pancake	4.56	Breakfast	2024-12-23
P89610	Ham	12.12	Meat	2024-09-24
P40733	Barley	6.53	Grain	2024-05-28
P92452	Beef	12.68	Meat	2024-04-22
P38901	Pie	4.85	Dessert	2025-03-01
P95403	Ham	18.92	Meat	2024-10-20
P34256	Quinoa	2.81	Grain	2024-07-10
P29002	Cucumber	1.31	Vegetable	2024-07-11
P77801	Oatmeal	10.63	Breakfast	2024-06-16
P41018	Grape	2.03	Fruit	2024-07-26
P74560	Barley	2.47	Grain	2025-02-06
P30545	Toast	7.03	Breakfast	2024-08-29
P11080	Barley	3.5	Grain	2024-06-10
P42100	Cream	8.34	Dairy	2024-07-18
P33018	Strawberry	3.98	Fruit	2024-06-24

A 0

AVERAGE

MIN 0

MAX 0

COUNTA 401

SUPPLIER (SupplierID, VAT, name, phoneNr, address, email)

suppliers

SupplierID	VAT	Name	PhoneNr	Address	Email
S33628	238284819	Porter, Smith and White	439-779-8037	69384 Yolanda Overpass North Sara, MS 95350	kennethford@rogers.com
S31782	790371478	Gonzales, Johnson and Mueller	+1-439-442-8863x38243	00073 Allen Oval Donnaside, CA 01448	roberta91@bennett-oconnor.com
S11069	441630856	Durham, Bush and Eaton	797-638-5032x94222	91419 Reed Path Apt. 460 Priceside, WY 51753	cathy12@morgan-pope.net
S74683	216673641	Patel LLC	+1-504-285-2559	36717 Patricia Roads Dawnside, GU 52522	misty34@calhoun-johnson.com
S15429	235837639	Rodriguez-Mejia	975-669-3226x433	051 Kirby Way Suite 688 Port Marystad, WI 17888	meganhoward@williams-lucas.biz
S70046	995672200	Willis LLC	001-584-381-4549x795	461 Justin Locks Suite 662 East Erinshire, TN 99091	diana10@butler.com
S13641	159494177	Farrell-Woods	824-292-0764	81860 Steven Radial Apt. 595 Zunigaview, TX 09649	etucker@jenkins.com
S57630	512915805	Stanton PLC	231-930-6574x45280	Unit 2799 Box 3446 DPO AP 33656	haleystrong@crawford.com
S97976	101651518	Peterson-Smith	+1-604-340-5053x761	2086 Silva Unions West Lisa, CT 14276	shery97@diaz.com
S73950	175974847	Carlson PLC	(659)407-0871x17622	20032 Alicia Spur Apt. 784 Mortonfurt, AZ 97237	camposjoseph@munoz.net
S32269	953010096	Schmidt-Harmon	5382048724	7964 Lewis Forks Deanchester, HI 47568	colleen26@reyes.com
S56070	413169491	Thomas, Valencia and Bell	382.264.0103x194	1251 Kelly Crest South Sarah, IA 18821	josephbaker@donaldson.com
S20148	907631867	Harris, Downs and Cobb	739-512-5494x8154	1413 James Extensions Suite 229 East Shawnburgh, WI 64341	aparker@thomas.net
S11807	765550438	Torres LLC	+1-789-968-2934x7916	945 Sylvia Fields Apt. 425 North Lisa, PR 85146	pughmiranda@hicks-brown.com
S83557	899423431	Allison-Ortiz	+1-534-609-2766x20745	PSC 1533, Box 2536 APO AA 91119	richardobrien@west-jimenez.com
S70086	670090064	Lester PLC	(727)861-4609	604 Wagner Freeway Pittsfield, MA 01201	gcarter@donaldson-roberts.com

AVERAGE MIN MAX COUNTA 51

SUPPLY (SupplierID, ProductID)

supply

SupplierID	ProductID
S33628	P44275
S33628	P69581
S33628	P88425
S33628	P70208
S33628	P87044
S33628	P70669
S33628	P99551
S33628	P91528
S33628	P75071
S33628	P93441
S33628	P76225
S33628	P89610
S33628	P40733
S33628	P92452
S33628	P38901
S33628	P95403
S33628	P34256
S33628	P29002
S33628	P77801
S33628	P41018
S33628	P74560
S33628	P30545
S33628	P11080
S33628	P42100
S33628	P33018

✓ 0 AVERAGE MIN 0 MAX 0 COUNTA 565

Warehouse (WarehosueID, Location, Capacity)

warehouse

WarehouseID	Location	Capacity
W120	Los Angeles, CA	822
W284	Boston, MA	580
W910	Boston, MA	492
W351	Boston, MA	419
W421	New York, NY	587
W344	New York, NY	225
W181	Los Angeles, CA	827
W414	Boston, MA	893
W671	Boston, MA	307
W393	Boston, MA	859
W604	Los Angeles, CA	885
W791	Los Angeles, CA	328

INVENTORY (WarehosueID ,ProductID , quantityInStock)

Inventory

WarehouseID	ProductID
W120	P44275
W120	P69581
W120	P88425
W120	P70208
W120	P87044
W120	P70669
W120	P99551
W120	P91528
W120	P75071
W120	P93441
W120	P76225
W120	P89610
W120	P40733
W120	P92452
W120	P38901
W120	P95403
W120	P34256
W120	P29002
W120	P77801
W120	P41018
W120	P74560
W120	P30545
W120	P11080
W120	P42100
W120	P33018

0

AVERAGE

MIN 0

MAX 0

COUNTA 2,730

PROMOTION (PromotionID, name, description, ValidFrom, ValidTo)

all_promotions

PromotionID	Name	Description	ValidFrom	ValidTo
PRM3455	one full head	Act yes financial claim note news stop.	2024-01-04	2024-03-09
PRM3655	performance when behind	Black thus small pay fast employee.	2024-01-21	2024-02-28
PRM8538	part certainly stop	Short rich sort answer require professor.	2024-01-11	2024-02-28
PRM8621	dinner receive arrive	But small article citizen final responsibility trade beautiful.	2024-01-04	2024-03-20
PRM4252	rise may court	Nor with every trip.	2024-01-09	2024-03-21
PRM4432	line these structure	Shoulder indeed early use.	2023-12-25	2024-02-10
PRM7272	consumer determine produce	Available happen determine kind American level get special.	2024-02-19	2024-04-30
PRM1895	ball memory father	Feeling term include meet certainly son.	2024-01-17	2024-04-15
PRM3053	bad cup candidate	During others would military they improve inside.	2024-01-18	2024-03-20
PRM8106	floor your idea	Central medical economy young owner hour.	2024-01-05	2024-02-09
PRM2913	Republican next thousand	Training knowledge cup agency never south despite.	2024-02-16	2024-05-01
PRM5780	security focus page	Question important their brother line successful.	2024-02-10	2024-04-19
PRM8421	manager occur outside	Meet take magazine I read.	2024-01-09	2024-04-03
PRM8025	property turn go	Likely hot above contain action buy standard.	2024-02-09	2024-04-02
PRM1635	model season speak	Include point social American brother.	2023-12-26	2024-02-29
PRM7673	bit space front	Contain stand sound.	2024-01-24	2024-04-03
PRM7794	different plan population	Hotel tough or manage add tend.	2024-01-31	2024-03-23
PRM6593	knowledge fact line	Able message until difference eat car.	2024-01-05	2024-02-05
PRM7232	loss child through	Language throughout identify take put behind.	2024-02-22	2024-03-26
PRM3551	within read support	Interest officer tax after strong group.	2024-01-23	2024-03-07
PRM5123	war argue cut	Practice when difficult bar.	2024-01-17	2024-03-27
PRM6215	staff her cause	Line score same drug so.	2024-01-29	2024-03-17
PRM5933	hot attorney loss	Process floor call nothing clear thus.	2023-12-30	2024-02-07
PRM2439	how record paper	Relate speak expert recently physical mean across mean.	2024-02-11	2024-05-05
PRM3244	hospital learn life	Science low structure.	2024-01-26	2024-04-10
PRM1455	TV walk per	Hand create long meet.	2024-01-02	2024-03-22

V 0 AVERAGE MIN 0 MAX 0 COUNTA 101

ORDERS (OrderID, productID, amount, orderStatus, orderDate, RouteID, WarehouseID, PromotionID)

	Orders							
	OrderID	ProductID	Amount	OrderStatus	OrderDate	RouteID	WarehouseID	PromotionID
1	O00001	P104	5	shipped	2023-10-19	R0156	W344	PRM3053
2	O00002	P102	2	processing	2023-05-15	R0919	W671	PRM2926
3	O00003	P102	6	shipped	2023-08-03	R0405	W120	PRM5362
4	O00004	P105	3	processing	2023-08-06	R0453	W120	PRM2929
5	O00005	P105	5	processing	2023-02-16	R0995	W910	PRM7272
6	O00006	P103	8	pending	2023-09-14	R0099	W344	PRM3551
7	O00007	P101	6	processing	2023-01-23	R0023	W393	PRM4037
8	O00008	P102	6	shipped	2023-09-03	R0714	W414	PRM8921
9	O00009	P102	1	shipped	2023-03-29	R0993	W393	PRM1865
10	O00010	P102	7	pending	2023-01-17	R0969	W671	PRM4826
11	O00011	P101	7	processing	2023-11-26	R0882	W120	PRM8925
12	O00012	P103	3	pending	2023-06-28	R0363	W421	PRM1861
13	O00013	P102	6	shipped	2023-06-21	R0316	W421	PRM1861
14	O00014	P104	1	pending	2023-04-17	R0018	W120	PRM1728
15	O00015	P105	10	shipped	2023-05-15	R0120	W351	PRM2068
16	O00016	P101	10	processing	2023-03-31	R0759	W414	PRM8106
17	O00017	P103	2	pending	2023-05-15	R0300	W284	PRM5850
18	O00018	P105	6	shipped	2023-10-31	R0053	W393	PRM8206
19	O00019	P105	2	processing	2023-10-23	R0155	W421	PRM1453
20	O00020	P104	1	processing	2023-01-04	R0035	W604	PRM5147
21	O00021	P103	9	pending	2023-02-24	R0277	W181	PRM6013
22	O00022	P102	1	processing	2023-06-01	R0680	W671	PRM5933
23	O00023	P101	6	processing	2023-07-26	R0934	W910	PRM2092
24	O00024	P105	3	processing	2023-12-07	R0662	W791	PRM6878
25	O00025	P103	8	pending	2023-12-31	R0038	W393	PRM6013

V 0 AVERAGE MIN 0 MAX 0 COUNTA 1,001

SUBSCRIPTION (SubID, startDate, endDate, frequency, status, UserID , OrderID)

A ▾ B C D E F G ⓘ (?) Table data wa

subscription

SubID	startDate	endDate	frequency	status	UserID	OrderID
SUB00001	2024-01-23	2025-07-07	Daily	Active	B00316	O00198
SUB00002	2024-06-15	2025-11-29	Alternate Days	Active	U00024	O00108
SUB00003	2022-12-27	2025-09-17	Daily	Suspended	U00130	O00171
SUB00004	2024-06-11	2025-03-01	Daily	Ended	U00051	O00203
SUB00005	2021-10-14	2025-08-27	Bi-weekly	Suspended	B00243	O00387
SUB00006	2025-12-08	2025-12-30	Weekly	Active	B00239	O00113
SUB00007	2021-11-13	2023-11-16	Bi-weekly	Active	U00012	O00063
SUB00008	2024-01-12	2024-05-15	Alternate Days	Suspended	B00308	O00394
SUB00009	2021-03-16	2024-07-30	Bi-weekly	Suspended	B00347	O00330
SUB00010	2025-04-23	2025-05-02	Alternate Days	Suspended	U00330	O00347
SUB00011	2022-12-10	2023-12-08	Daily	Active	U00377	O00285
SUB00012	2022-05-19	2025-08-16	Alternate Days	Suspended	B00300	O00089
SUB00013	2024-03-02	2024-10-14	Monthly	Active	U00121	O00306
SUB00014	2020-09-13	2023-03-15	Bi-weekly	Active	U00333	O00010
SUB00015	2023-04-09	2025-08-03	Alternate Days	Suspended	U00007	O00249
SUB00016	2020-02-01	2025-01-19	Alternate Days	Suspended	B00252	O00005
SUB00017	2024-11-09	2025-03-08	Bi-weekly	Ended	U00150	O00195
SUB00018	2025-06-18	2025-10-26	Alternate Days	Suspended	B00163	O00172
SUB00019	2020-11-19	2022-01-18	Alternate Days	Ended	U00320	O00118
SUB00020	2025-05-15	2025-09-22	Alternate Days	Active	U00164	O00017
SUB00021	2021-06-15	2022-04-26	Monthly	Active	U00124	O00114
SUB00022	2022-01-30	2023-03-20	Alternate Days	Suspended	U00295	O00207
SUB00023	2024-12-22	2025-02-03	Daily	Suspended	U00355	O00160
SUB00024	2021-02-04	2022-10-07	Daily	Active	B00327	O00043
SUB00025	2022-08-20	2023-12-20	Alternate Days	Active	U00230	O00307

JM 0 AVERAGE MIN 0 MAX 0 COUNTA 401

EXTRA_ITEM (UserID, OrderID, productID, quantity)

A	B	C	D	(
extralitem				
serID	OrderID	ProductID	Quantity	
00114	O00027	P166	8	
00052	O00030	P220	3	
00091	O00029	P250	1	
00193	O00106	P134	7	
00129	O00021	P277	5	
00126	O00065	P114	6	
00012	O00078	P126	9	
00055	O00038	P213	2	
00096	O00113	P273	5	
00106	O00109	P127	5	
00100	O00042	P220	7	
00022	O00083	P232	9	
00017	O00182	P252	4	
00115	O00059	P247	4	
00087	O00179	P252	3	
00007	O00104	P226	2	
00104	O00198	P286	7	
00033	O00050	P185	4	
00070	O00042	P298	9	
00077	O00019	P228	3	
00001	O00072	P103	7	
00166	O00107	P162	10	
00016	O00076	P260	10	
00059	O00177	P266	6	
00001	O00016	P271	3	

0 AVERAGE MIN 0 MAX 0 COUNTA 201

FEEDBACK (fbID, rating, comments, date, *UserID*, *OrderID*)

	A	B	C	D	E	F
1	fbID	rating	comments	date	UserID	OrderID
2	fb00083	4	Fast delivery, thank you!	02/04/23	U00073	000047
3	fb00151	3	Great service!	18/01/24	U00172	000146
4	fb00177	2	Fast delivery, thank you!	16/02/24	B00051	000080
5	fb00015	5	Great service!	16/03/24	B00084	000122
6	fb00189	4	Would recommend to others.	27/09/23	U00146	000150
7	fb00171	5	Very satisfied with my order.	18/05/23	U00130	000127
8	fb00170	3	Fast delivery, thank you!	02/06/23	B00186	000057
9	fb00091	3	Product quality could be better.	22/04/23	U00194	000003
10	fb00064	3	Would recommend to others.	16/06/23	U00058	000033
11	fb00120	1	Fast delivery, thank you!	07/10/23	U00072	000066
12	fb00061	5	Great service!	06/07/23	U00146	000120
13	fb00010	4	Product quality could be better.	04/07/23	B00033	000090
14	fb00148	5	Fast delivery, thank you!	18/03/24	U00103	000027
15	fb00142	4	Product quality could be better.	07/10/23	B00002	000134
16	fb00180	3	Fast delivery, thank you!	11/03/24	B00016	000032
17	fb00163	2	Very satisfied with my order.	19/06/23	B00071	000051
18	fb00125	5	Fast delivery, thank you!	16/06/23	B00198	000168
19	fb00111	3	Product quality could be better.	27/09/23	B00085	000103
20	fb00119	1	Very satisfied with my order.	25/09/23	B00066	000010
21	fb00030	4	Very satisfied with my order.	24/01/24	B00115	000006
22	fb00011	2	Product quality could be better.	02/06/23	U00100	000118
23	fb00137	4	Great service!	06/05/23	B00033	000161
24	fb00039	5	Great service!	30/01/24	B00087	000157
25	fb00093	3	Great service!	22/01/24	U00002	000006
26	fb00192	4	Very satisfied with my order.	23/03/24	B00028	000031
27	fb00196	1	Product quality could be better.	24/01/24	B00115	000188
28	fb00059	5	Very satisfied with my order.	16/06/23	B00197	000078
29	fb00111	1	Would recommend to others.	26/03/23	B00098	000120
30	fb00117	1	Very satisfied with my order.	05/05/23	B00098	000079

PAYMENT (PayNr, DueDate, amount, OrderID)

	A	B	C	D
1	PayNr	DueDate	amount	OrderID
2	Pay00098	16/03/24	477.16	B00105
3	Pay00053	09/03/24	193.98	O00048
4	Pay00200	10/03/24	68.37	O00101
5	Pay00103	21/03/24	316.15	O00095
6	Pay00114	17/03/24	253.17	B00152
7	Pay00147	13/03/24	248.76	O00099
8	Pay00192	01/03/24	19.94	O00126
9	Pay00002	12/03/24	299.8	O00093
10	Pay00171	20/03/24	257.27	O00125
11	Pay00122	24/02/24	478.35	O00073
12	Pay00193	27/02/24	11.45	O00051
13	Pay00034	15/03/24	293.35	O00095
14	Pay00003	01/03/24	360.61	B00029
15	Pay00025	20/03/24	212.27	O00139
16	Pay00008	06/03/24	393.24	B00114
17	Pay00134	23/02/24	486.07	B00073
18	Pay00142	18/03/24	378.14	O00127
19	Pay00200	25/02/24	316.15	B00122
20	Pay00126	14/03/24	451.44	B00056
21	Pay00200	21/03/24	430.11	B00015
22	Pav00034	19/03/24	456.04	O00033

Ready Accessibility: Unavailable Average: 22801.44793 Count: 804 Sum: 9120579.1

3. Relationship Model

