

# Queries outputs

## Marketing department

Queries.sql - (loc...D\adam192122 (52))

```
--use airlineDW;

--Markrtng department Questions--
--1) what flights the company's frequent flyers take? --
SELECT F.Flight_number , F.Departing_airport , F.Arriving_airport
FROM Flights F , Travelers T , Marketing_Department M
WHERE F.Flight_number = M.Flight_number
AND M.Travelers_ID = T.Travelers_ID
AND T.Travelers_loyalty = 1
```

165 %

Results Messages

	Flight_number	Departing_airport	Arriving_airport
1	71926	BSF	WAA
2	11927	HIR	IWS
3	518759	UMR	FLV
4	11924	KAI	FTA
5	245381	KSU	BLQ
6	518759	UMR	FLV
7	202950	CTU	GTN
8	518759	UMR	FLV
9	305379	ZAL	AVK
10	202950	CTU	GTN
11	245382	WUN	EUN
12	518762	BDE	CEG
13	305383	LOO	BGA
14	305376	KTP	LMO
15	438352	KUH	BEU
16	71927	LKY	TOG
17	678761	TTC	TAG

Query executed successfully. (local) (14.0 RTM) AzureAD\adam192122 (52) airlineDW 00:00:00 22 rows

Queries.sql - (loc...D\adam192122 (52))

```
--2) what fare basis they pay?--
SELECT T.Travelers_Name as 'Traveler Name' ,sum(Ti.Ticket_price) as 'Total fare they pay'
FROM Tickets Ti , Travelers T , Marketing_Department M
WHERE Ti.Tickets_ID = M.Tickets_ID
AND M.Tickets_ID = T.Travelers_ID
AND T.Travelers_loyalty = 1
group by T.Travelers_Name
```

165 %

Results Messages

	Traveler Name	Total fare they pay	Number of tickets
1	Acker535	101	1
2	Alonzo8	1224	1
3	Camille6	781	1
4	Corbett2012	738	1
5	Glynn1970	1138	1
6	Key1955	2302	2
7	Klein5	336	3
8	Lorette1970	1400	1
9	Palacios2011	934	1
10	Phillip2017	585	1
11	Randal1983	258	2
12	Teodora2	1834	1
13	Xavier63	3274	2

Queries.sql - (loc...D\adam192122 (52))

```
--3)what proportion of these frequent flyers have gold, platinum, aluminum, or titanium status?--
SELECT T.Travelers_Name as 'Traveler Name' , Ti.Tickets_class
FROM Tickets Ti , Travelers T , Marketing_Department M
WHERE Ti.Tickets_ID = M.Tickets_ID
AND M.Tickets_ID = T.Travelers_ID
AND T.Travelers_loyalty = 1
```

150 %

Results Messages

	Traveler Name	Tickets_class
1	Xavier63	Titanium Platinum
2	Lorette1970	Platinum Gold
3	Key1955	Titanium Aluminum
4	Phillip2017	Aluminum Gold
5	Acker535	Gold Titanium
6	Xavier63	Titanium Platinum
7	Alonso8	NULL
8	Key1955	Titanium Aluminum
9	Palacios2011	Titanium Platinum
10	Camille6	Titanium
11	Klein5	Titanium Platinum
12	Corbett2012	Gold Platinum
13	Randal1983	Aluminum Titanium
14	Klein5	Titanium Platinum
15	Glynn1970	Platinum Aluminum
16	Randal1983	Aluminum Titanium
17	Teodora2	NULL
18	Klein5	Titanium Platinum

Query executed successfully. (local) (14.0 RTM) AzureAD\adam192122 (52) airlineDW 00:00:00 18 rows

## Reservation

Queries.sql - (loc...D\adam192122 (52))

```
--4)analyzing the company profit
SELECT RC.Reservation_Channels_type , COUNT(RC.Reservation_Channels_ID) as ' Number of reservations
FROM Reservation R , Reservation_Channels RC
WHERE R.Reservation_Channels_ID = RC.Reservation_Channels_ID
GROUP BY RC.Reservation_Channels_type
```

150 %

Results Messages

	Traveler Name	Tickets_class
1	Xavier63	Titanium Platinum
2	Lorette1970	Platinum Gold
3	Key1955	Titanium Aluminum
4	Phillip2017	Aluminum Gold
5	Acker535	Gold Titanium
6	Xavier63	Titanium Platinum
7	Alonso8	NULL
8	Key1955	Titanium Aluminum
9	Palacios2011	Titanium Platinum
10	Camille6	Titanium
11	Klein5	Titanium Platinum
12	Corbett2012	Gold Platinum
13	Randal1983	Aluminum Titanium
14	Klein5	Titanium Platinum
15	Glynn1970	Platinum Aluminum
16	Randal1983	Aluminum Titanium
17	Teodora2	NULL
18	Klein5	Titanium Platinum

Query executed successfully. (local) (14.0 RTM) AzureAD\adam192122 (52) airlineDW 00:00:00 18 rows

# Customer care

Queries.sql - (loc...D\adam192122 (52))

```
--5) Analysis compiment
SELECT P.problem_type , COUNT(C.Travelers_ID) AS 'NUMBER OF TRAVELERS COMPLAINTS'
FROM problems P , Customer_care C
WHERE P.problem_ID = C.problem_ID
GROUP BY P.problem_type
```

150 %

Results Messages

	Traveler Name	Tickets_class
1	Xavier63	Titanium Platinum
2	Lorette1970	Platinum Gold
3	Key1955	Titanium Aluminum
4	Phillip2017	Aluminum Gold
5	Acker535	Gold Titanium
6	Xavier63	Titanium Platinum
7	Alonzo8	NULL
8	Key1955	Titanium Aluminum
9	Palacios2011	Titanium Platinum
10	Camille6	Titanium
11	Klein5	Titanium Platinum
12	Corbett2012	Gold Platinum
13	Randal1983	Aluminum Titanium
14	Klein5	Titanium Platinum
15	Glynn1970	Platinum Aluminum
16	Randal1983	Aluminum Titanium
17	Teodora2	NULL
18	Klein5	Titanium Platinum

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