

--VIRGIN

--Count the number of cancelled flights by American Airlines (AA).

SOLUTION

```
select count(cancelled)
from us_flights
where unique_carrier='AA';
```

--Find the average distance an airplane travels from each origin airport.

SOLUTION

```
select origin,avg(distance)
from us_flights
group by origin;
```

--Find all US flight details which had no delay (use only arr\_delay column for filtering).

SOLUTION

```
select *
from us_flights
where arr_delay<=0;
```

--Find the top 5 longest US flights by distance.

SOLUTION

```
select origin, dest,distance
from us_flights
order by distance desc
limit 5;
```

--What are the unique IATA codes for all origin airports in the dataset?

SOLUTION

```
select origin,unique_carrier
from us_flights;
```

--Find how many different origin airports exist?

SOLUTION

```
select distinct count(origin)
from us_flights;
```