

Find out the top 5 most visited destinations.

Query :

```
val destination = spark.sql("select Dest , count(Dest) from FlightDetails group by Dest order by count(Dest) desc").toDF().take(5)
println(s"Gives the top 5 most visited Destination by the user")
${destination.foreach(println)} "
```

Output:

```
[ORD,108984]
18/06/27 17:12:30 INFO SparkContext: Invoking stop() from shutdown hook
[ATL,106898]
[DFW,70657]
[DEN,63003]
[LAX,59969]
Gives the top 5 most visited Destination by the user ()
```

Which month has seen the most number of cancellations due to bad weather?

Query:

```
val cancelled = spark.sql("select Month , count(cancelled) from FlightDetails where CancellationCode = 'B' and Cancelled = 1 group by Month order by count(cancelled) desc").toDF().take(1)
println(s"Gives the month that has maximum cancellation due to bad weather")
${cancelled.foreach(println)} "
```

Output:

```
[12,250]
Gives the month that has maximum cancellation due to bad weather ()
```

Which route (origin & destination) has seen the maximum diversion?

Query :

```
val Route = spark.sql("select Origin, Dest , count(Diverted) from FlightDetails where Diverted = 1 group by Origin, Dest order by count(Diverted) desc").toDF().take(1)
println(s"Gives the route that has seen the maximum diversions")
${Route.foreach(println)} "
```

Output:

```
[ORD,LGA,39]
Gives the route that has seen the maximum diversions ()
```