

### Exercici 1

```
SELECT COUNT(flightID) as total  
FROM `Flights`
```

### Exercici2

```
SELECT Origin, AVG(ArrDelay) as prom_arribades, AVG(DepDelay) as prom_sortides  
FROM `Flights`  
GROUP BY Origin
```

### Exercici 3

```
SELECT Origin, colYear, colMonth, AVG(ArrDelay) as prom_arribades  
FROM `Flights`  
GROUP BY Origin, colYear, colMonth
```

### Exercici 4

```
SELECT city, colYear, colMonth, AVG(ArrDelay) as prom_arribades  
FROM `Flights`  
INNER JOIN USAirports  
ON Flights.Origin = USAirports.iata  
GROUP BY city, colYear, colMonth
```

### Exercici 5

```
SELECT UniqueCarrier, colYear, colMonth, SUM(Cancelled) AS total_cancelled  
FROM Flights  
GROUP BY UniqueCarrier, colYear, colMonth  
HAVING total_cancelled != 0  
ORDER BY Total_cancelled DESC
```

### Exercici 6

```
SELECT TailNum, SUM(Distance) as totalDistance  
FROM Flights  
WHERE TailNum != " "  
GROUP BY TailNum  
ORDER BY totalDistance DESC  
LIMIT 10;
```

### Exercici 7

```
SELECT UniqueCarrier, AVG(DepDelay) as avgDelay  
FROM `Flights`  
GROUP BY UniqueCarrier  
HAVING avgDelay > 10  
ORDER BY avgDelay DESC
```

NO PODEM POSAR EN UN WHERE UNA COLUMNA CALCULADA SOTA UN ALIAS (Ex: avgDelay és l'alias per al càlcul AVG(DepDelay)) perquè dóna error. De fet l'alias el podem fer servir només a ORDER BY, necessitarem un HAVING per posar una condició amb aquesta columna calculada!