

Statement 1 Statement 2 Statement 3 Statement 4 Database Explorer 5

```
1 SELECT *,
2     CASE WHEN depdelay < 0 THEN 'early'
3          WHEN depdelay > 0 THEN 'late'
4          ELSE 'ontime'
5     END as segment
6 FROM flight_delays
7 LIMIT 10;
```

Result 1 Messages

| year | month | dayofmonth | dayofweek | deptime | arrtime | flightnum | tailnum | airtime | arrdelay | depdelay | origin | dest | distance | segment |
|------|-------|------------|-----------|---------|---------|-----------|---------|---------|----------|----------|--------|------|----------|---------|
| 2007 | 6     | 19         | 2         | 902     | 1008    | 121N355NW |         | 169     | -2       | 2MSP     | PHX    |      | 1276     | late    |
| 2007 | 6     | 20         | 3         | 943     | 1039    | 121N364NW |         | 164     | 29       | 43MSP    | PHX    |      | 1276     | late    |
| 2007 | 6     | 21         | 4         | 858     | 957     | 121N366NW |         | 161     | -13      | -2MSP    | PHX    |      | 1276     | early   |
| 2007 | 6     | 22         | 5         | 855     | 1015    | 121N350NA |         | 169     | 5        | -5MSP    | PHX    |      | 1276     | early   |
| 2007 | 6     | 23         | 6         | 902     | 1004    | 121N321US |         | 155     | -6       | 2MSP     | PHX    |      | 1276     | late    |
| 2007 | 6     | 26         | 2         | 856     | 1007    | 121N368NW |         | 171     | -3       | -4MSP    | PHX    |      | 1276     | early   |
| 2007 | 6     | 27         | 3         | 900     | 1016    | 121N362NW |         | 169     | 6        | 0MSP     | PHX    |      | 1276     | ontime  |
| 2007 | 6     | 28         | 4         | 857     | 1004    | 121N363NW |         | 173     | -6       | -3MSP    | PHX    |      | 1276     | early   |
| 2007 | 6     | 29         | 5         | 900     | 954     | 121N352NW |         | 158     | -16      | 0MSP     | PHX    |      | 1276     | ontime  |
| 2007 | 6     | 30         | 6         | 857     | 954     | 121N351NW |         | 159     | -16      | -3MSP    | PHX    |      | 1276     | early   |