

## DATA PREPROCESSING CODE TO ADD A COLUMN AGE GROUP BASED ON AGES:

The screenshot shows the Qlik Sense Data Editor interface. The main pane displays SQL code for data preprocessing. The code includes a comment about removing rows with '0' and '-' from the Arrival Airport column, and a series of conditional statements to assign age groups based on age ranges. The code is as follows:

```
112 (WeekStart(Today())-WeekStart($1))/7 AS [WeeksAgo] ,
113 Week(Today())-Week($1) AS [WeekRelNo] ;
114
115 DERIVE FIELDS FROM FIELDS [Departure Date] USING [autoCalendar] ;
116
117
118
119 [Airline Dataset Updated - v2]:
120 LOAD *;
121
122 // Remove rows with '0' and '-' from ArrivalAirport column and create Age
123 NOCONCATENATE LOAD *,
124 if(Age >= 0 AND Age <= 1, 'Baby',
125 if(Age >= 2 AND Age <= 3, 'Toddler',
126 if(Age >= 4 AND Age <= 9, 'Child',
127 if(Age >= 10 AND Age <= 12, 'Tween',
128 if(Age >= 13 AND Age <= 19, 'Teen',
129 if(Age >= 20 AND Age <= 24, 'Young Adult',
130 if(Age >= 25 AND Age <= 39, 'Adult',
131 if(Age >= 40 AND Age <= 54, 'Middle',
132 if(Age >= 55 AND Age <= 79, 'Senior',
133 if(Age >= 80, 'Just plain old'))))))) AS AgeGroup,
134 Date#([Departure Date], 'MM/DD/YYYY') as [Departure_Date],
135 Year(Date#([Departure Date], 'MM/DD/YYYY')) AS Year,
136 Month(Date#([Departure Date], 'MM/DD/YYYY')) as Month
137 RESIDENT [Airline Dataset Updated - v2]
138 WHERE NOT ([Arrival Airport] = '0' OR [Arrival Airport] = '-');
139
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```

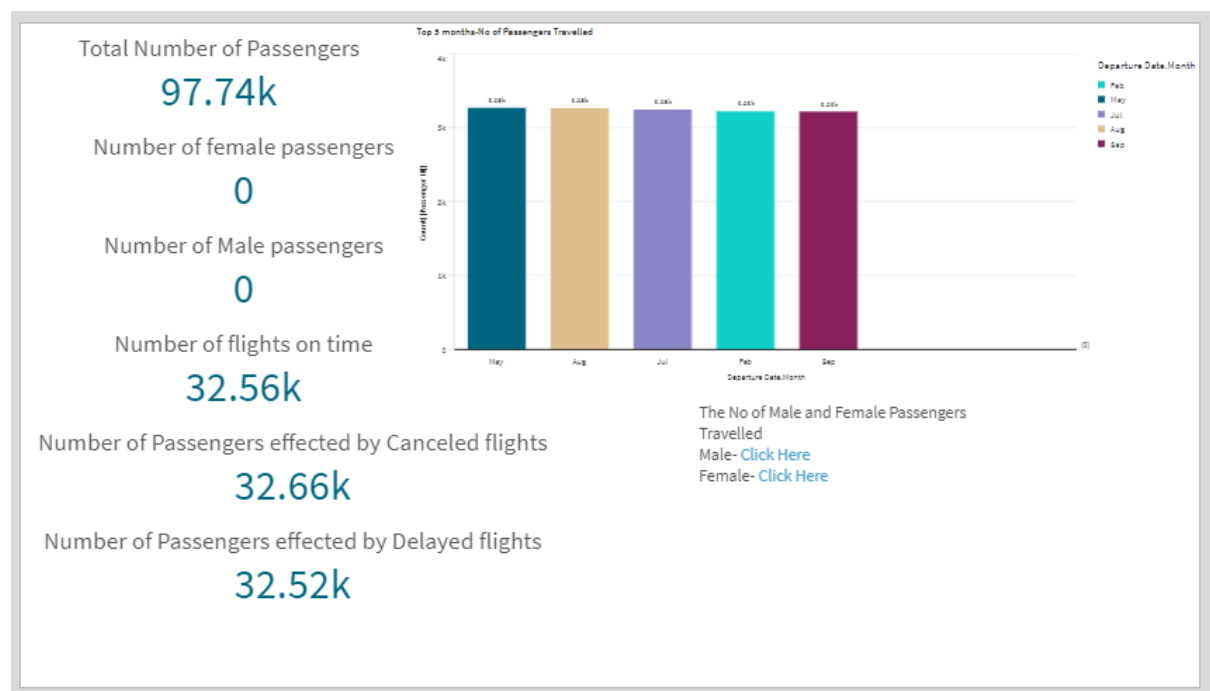
The right sidebar shows the 'Add data' section with 'Add from data catalog' and 'Data connections' section with 'Create new connection' and 'Personal' connection. The bottom status bar shows 'Total number of rows: 98619'.

## DASHBOARDS:

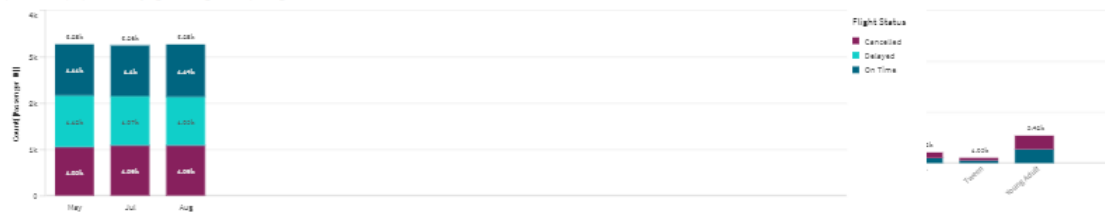




## STORY TELLING:



Top 3 months of people effected by flight status against the passengers count



Departure Date/Month, Flight Status

Continents wise - Flight Status

