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


```
112     (WeekStart(Today())-WeekStart($1))// 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 Ag
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] = '-');
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```
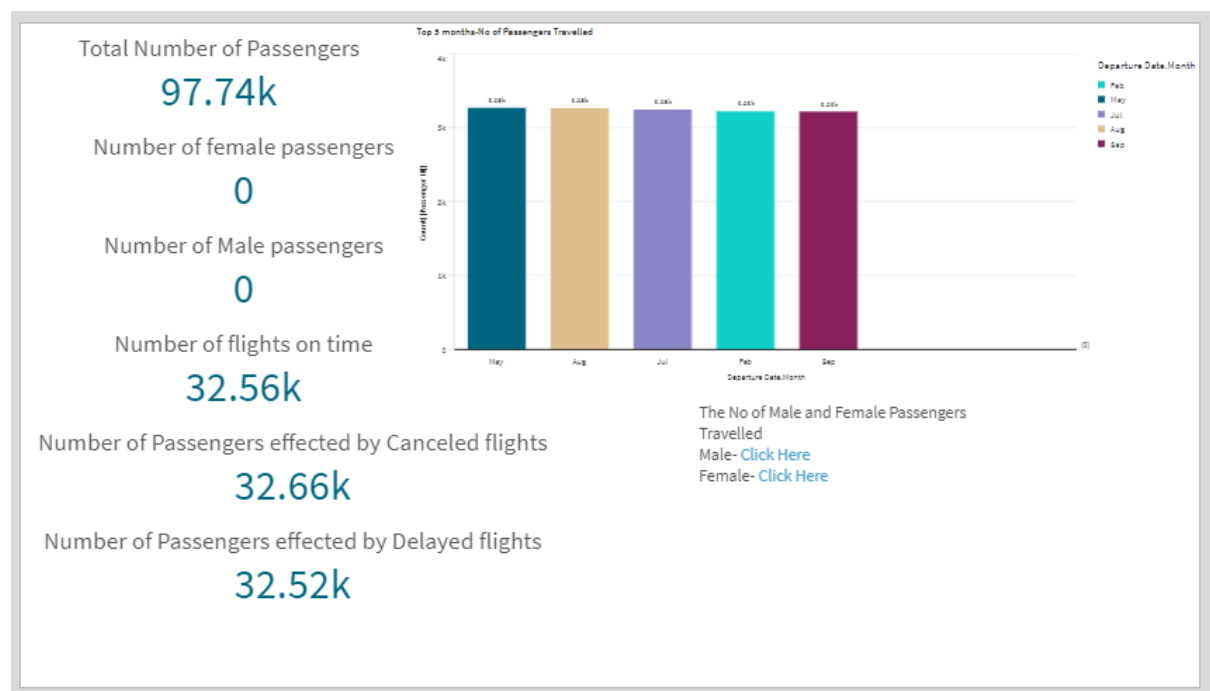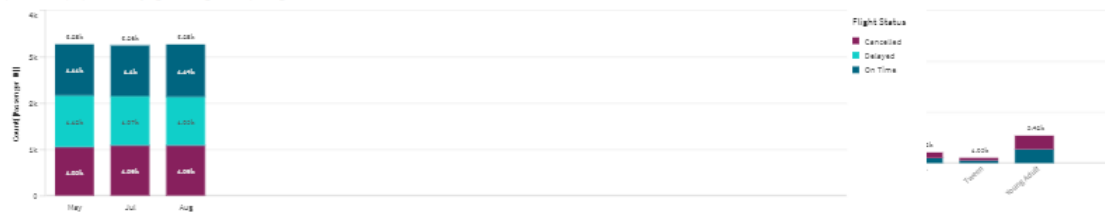
DASHBOARDS:

STORY TELLING:

Top 5 months of people effected by flight status against the passengers count