**Ansh Ranjan  
Databricks Case Study  
EXERCISE 3: Data Transformation**

**TASK 1 and 2: Apply transformation to data (filtering, grouping, etc)**

1. Creating a new column trip\_duration as difference of pickup and dropoff time in minutes  
   A screen shot of a computer

   AI-generated content may be incorrect.  
   A screen shot of a computer

   AI-generated content may be incorrect.
2. Creating new columns day\_od\_week and Hour\_of\_day  
   A computer screen shot of text

   AI-generated content may be incorrect.
3. Finding number of trips per number of passengers  
   A screen shot of a computer

   AI-generated content may be incorrect.
4. Grouping data by day of week to get number of trips made for each day of the week  
   A screen shot of a computer program

   AI-generated content may be incorrect.