<pre>ruta = os.listdir(r"C:\User uber_15 = pd.read_csv(r"C:\</pre>						
Data Cleaning  Removing Duplicates  uber_15.duplicated().sum() # Duplicated values count  54						
: uber_15.drop_duplicates(inp # duplicates removed    : uber_15['Pickup_date']    : 0	0 9 0					
99995 2015-04-13 16:12:0 99996 2015-03-06 21:32:0 99997 2015-03-19 19:56:0 99998 2015-05-02 16:02:0 99999 2015-06-24 16:04:0 Name: Pickup_date, Length: Converting to_datetime	0 0 0 0 100000, dtype: object					
<pre>uber_15['Pickup_date'] = pd  : # Data types # column data-type uber_15['Pickup_date'].dtyp  # Data-type of the first el type(uber_15['Pickup_date']  uber_15.dtypes # Data-types of all columns</pre>	eeent in this column	kup_date'])				
Dispatching_base_num Pickup_date dat Affiliated_base_num locationID dtype: object  Analysis  uber_15.head(3)	object etime64[ns] object int64					
	-20 19:52:59 B02682 -19 20:26:00 B02617	237 231 161				
<pre># Extract month from dateti uber_15['month'] = uber_15[ uber_15['month']  May 1</pre>		ame()				
99996 March 99997 March 99998 May 99999 June Name: month, Length: 99946,  ]: uber_15['month'].value_coun  : <axes:></axes:>						
17500 - 15000 - 12500 -						
7500 - 5000 - 2500 -						
# Extract weekday, day, hou uber_15['weekday'] = uber_1 uber_15['day'] = uber_15['puber_15['hour'] = uber_15['uber_15['minute'] = uber_15	.5['Pickup_date'].dt.day_na rickup_date'].dt.day Pickup_date'].dt.hour	ame()	ns)			
<pre>bispatching_base_num  Dispatching_base_num  B002617 2015-05  B02682 2015-01  B02682 2015-03  B02617 2015-03</pre> pivot = pd.crosstab(index=u)	-20 19:52:59 B02682 -19 20:26:00 B02617	237 May Saturda 231 January Tuesda 161 March Thursda	ay 2 21 43 ay 20 19 52			
2. Which month have m  pivot.plot(kind='bar', figs <a href="month">  weekday Friday</a>	·					
Monday Saturday Sunday Thursday Tuesday Wednesday  2000 -  1500 -  1000 -  1000 -  1000 -	January -	March -	May -			
3. Analysing most active Ube summary = uber_15.groupby([ ]: weekday hour size  0 Friday 0 581  1 Friday 1 333  2 Friday 2 197  3 Friday 3 138  4 Friday 4 161	month e Uber Base-number					
<ul> <li></li> <li>163 Wednesday 19 1044</li> <li>164 Wednesday 20 897</li> <li>165 Wednesday 21 949</li> <li>166 Wednesday 22 900</li> <li>167 Wednesday 23 669</li> <li>168 rows × 3 columns</li> </ul>						
<pre>plt.figure(figsize=(8,6)) sns.pointplot(x='hour', y='  <axes: ,="" pre="" xlabel="hour" ylabe<=""></axes:></pre>	l='size'>  weekday Friday Monday Saturda	y ay				
1000 - 800 -	Saturda Sunday Thursda Tuesday Wednes	ay y				
200 -						
4. Which Base_number  uber_foil = pd.read_csv(r"C  uber_foil.shape	hour has most number of A			-Jan-Feb-FOIL.csv")		
<pre>(354, 4)  : # Boxplot  !pip install chart_studio !pip install plotly  Requirement already satisfi</pre>	ed: retrying>=1.3.3 in c:\	ers\luisr\anaconda3\lib	Noita packagas (1.1.0)	hart studio) (1.3.4)		
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