High Level Programming Project Outputs

-Group 6 [ICT]-

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2) *Figure 2* represents the ranking of visitors from foreign countries.

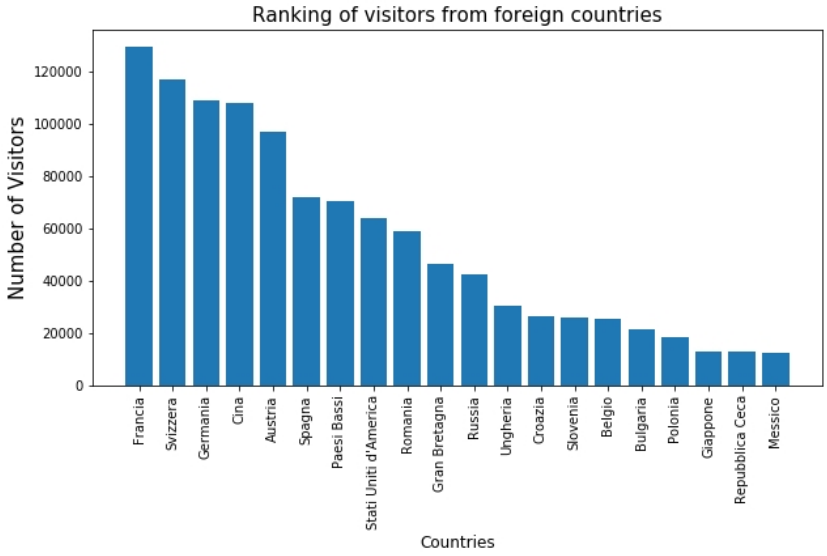

Figure 2

3) Ranking of Italian provinces based on visitors, illustrated on *Figure 3*. Padova & Veneto region shares the top of the graph, as expected.

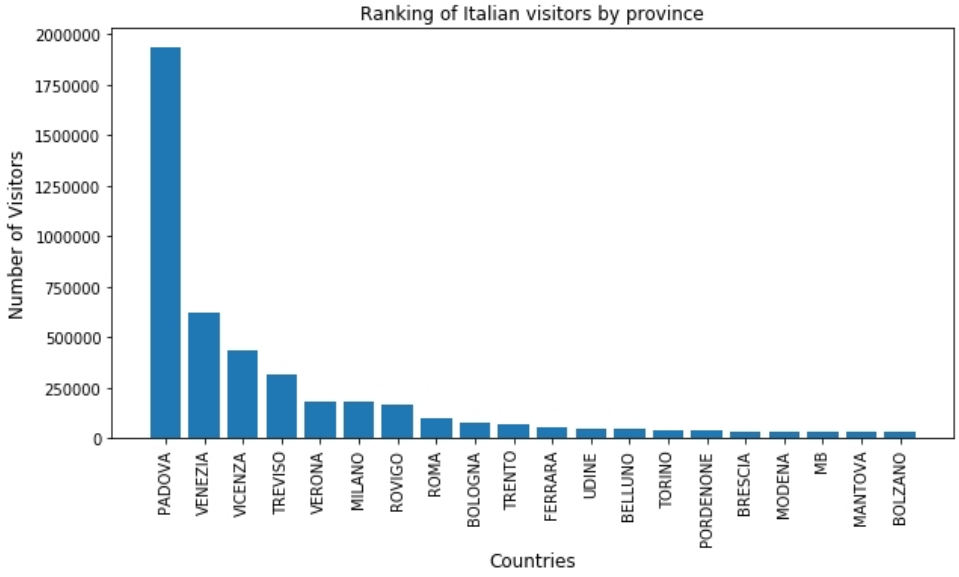

Figure 3

4)

4.A) Ranking of the highway flows involving only the mid-range mobility, based on the number of visitors from nearby regions.

A4-East leads the graph, which is the highway that connects other provinces of Veneto region to Padova.

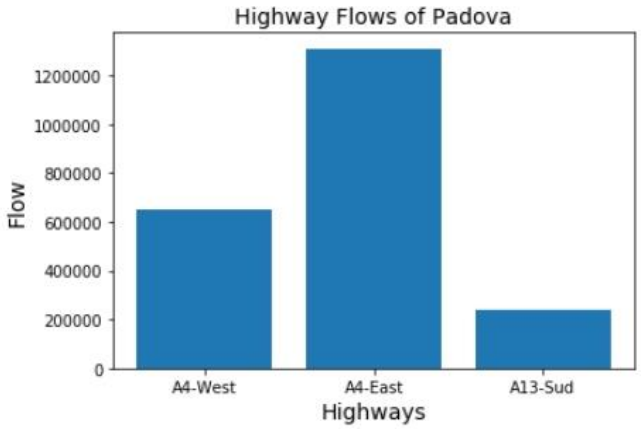

Figure 4.1

4.B) *Figure 4.2* shows the highway flows of Padova for weekday and weekend, respectively. Due to commuters who travels to Padova for work, visitor flow is higher on weekdays.

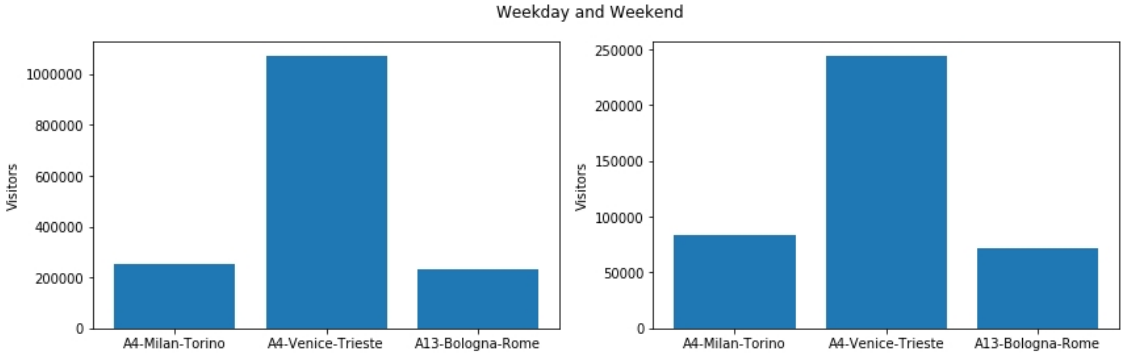

Figure 4.2

Highway flows of visitors/commuters based on day-by-day is shown as *Figure 4.3.* Highest visitor flow is seen on Wednesday, mid of the weekdays.

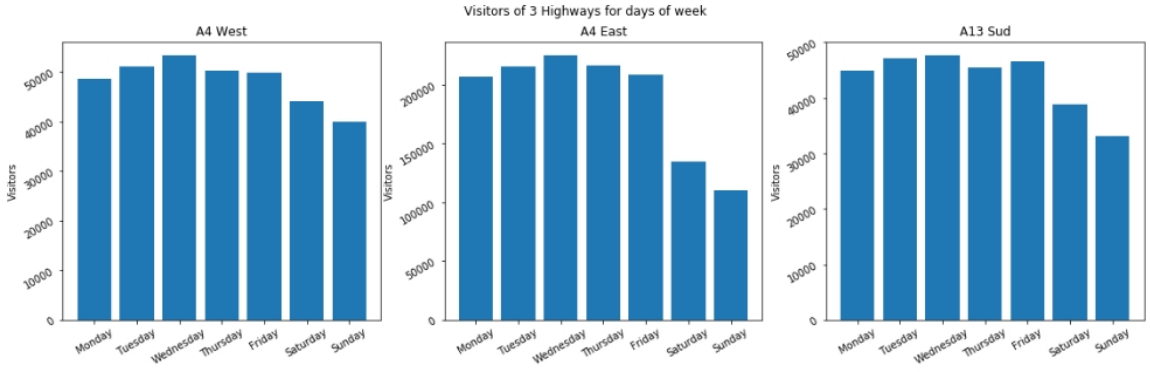

Figure 4.3

4.C) Regarding to data and graphs above, investing resources on highway A4 toward Venice – Trieste would be a reasonable choice. Depending on the Veneto region, the road has the highest visitor flow on both weekend and weekdays.

5) Intuitively, we expected visitors to decrease as the distance rises. On *Figure 5.1*, by the spreading of data on the graph, right-skewed distribution was used.

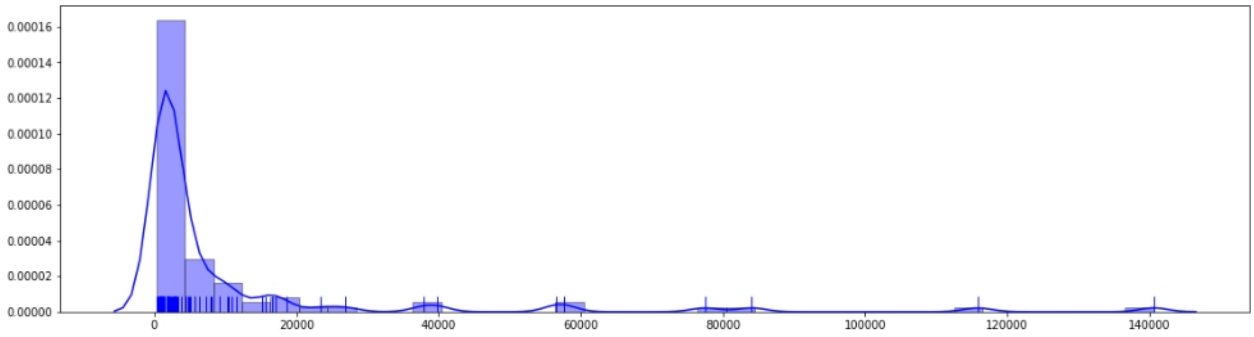

Figure 5.1

Below *Figure 5.2*, after the regression, it is more obvious to highlight the outliers from the expectations which occurs because of the diversity on data points.

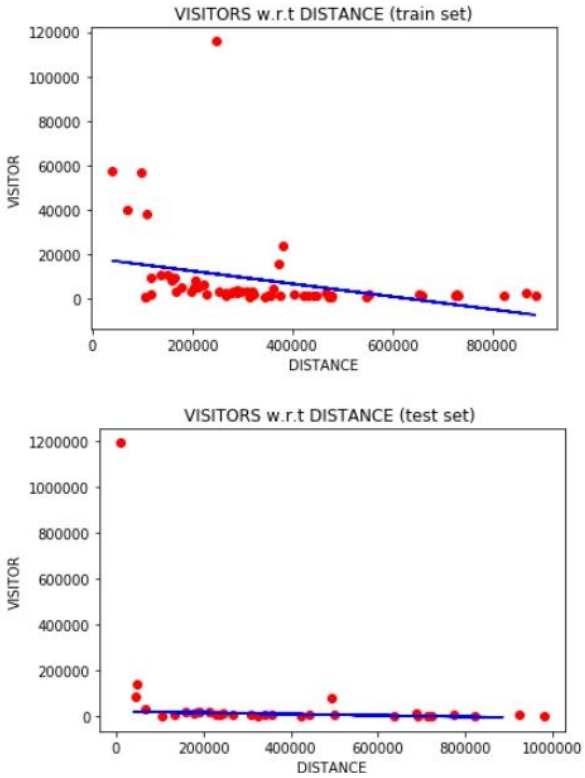

Figure 5.2