historical data - time hourly data (-duration of usage) (-sales) (-population of the city) - season - major events (-demographies) (-appreciation) - stations usage

- Weather

- traffic

- fuel prices

Linear Regression:

$$\Rightarrow y = \beta_0 + \varepsilon \Rightarrow \beta_0 = \overline{y}$$

-)
$$\times$$
 holiday $\rightarrow \times 0: \times = 0$ β_0
 $\times 1: \times = 1$ $\beta_0 + \beta_1$
 $y = \beta_0 + \beta_1 \times_1 + \epsilon$