**EDA-Online shoppers intetions**

**Abstract**

Our project aimed expletory data analysis of online shoppers by 18 features collected through their browsers and website information. The dataset is from UCI Machine Learning Repository, consisting of 12,330 samples with 10 numerical attributes and 8 categorical attributes. **shopper ،** I tend toidentification their behaviors and spend time that they take on webpages’s shop and provide the suitable recommendations .

**Design**

The main question of our work is what the behaviors of online shoppers are according to browsing shopping site and what is the main feature that have a clear impact on the increase revenue from the customers

**Data**

I obtain the dataset from UCI Machine Learning Repository that collected in 2018-08-31

* + Columns: dataset contain 18 columns
  + Data type: it's consists of 10 numerical and 8 categorical attributes
  + Rows: more than 12000 observations
  + Data size 12379 x 18

**Cleaning Data Steps**

Check on missing values, remove duplicated rows, Remove unnecessary feature

Rename some column, analysis outliers, Removing outliers, visualization

**Conclusion Graphical user interface, timeline

Description automatically generated**