Project Proposal

Abstract

The goal of the project is to calculate the number of point of sale transactions in the Kingdom of Saudi Arabia from January 2016 to January 2021 in several areas such as Hotels , Beverage and food etc. ...

Calculating the grand total (Sales in Thusand Riayls) and watch the difference and visualization between the months.

Design

Data include features: Number of Transactions in : Hotels , Beverage and Food, Clothing and Footwear, Recreation and Culture, Miscellaneous Goods and Services, Electronic & Electric Devices, Furniture, Construction & Building Materials, Jewelry, Telecommunication, Education, Public Utilities and Others. and watch the difference and visualization in period (January 2016 to January 2021).

Data

Dataset from data.gov.sa (https://data.gov.sa/Data/ar/dataset/points-of-sale-transactions) data is numeric it is easy to use for calculation the mean , average and total and Shaw the difference in correlation .

Algorithms

I will use linear regression and logistic regression

Tools:

I will be planning to use deep learning model and library **:** Numpy **,** sklearn Pandas and seabron for calculation and visualization by heatmap , pairplot .