CO3 – Skilling questions(skill 8)

1. Questions related to Probability mass function (PMF) and Cumulative distribution function(CDF)

DATA - SET

A super market XXXX selling the products such as Health and beauty, accessories, Electronic ,Home and lifestyle, Food and beverages, Sports. You can get the data-set in the following link.

<https://www.kaggle.com/aungpyaeap/supermarket-sales>

1. In the above data set find the probability mass function for the values (Health and beauty, Electronic accessories, Home and lifestyle, Sports and travel, Food and beverages, Fashion accessories) of attribute product line.
2. After calculating the PMF, calculate CDF and plot the graph for CDF.
3. In the above data set find the probability mass function for the values (Ewallet, cash and Credit card) of attribute payment.
4. After calculating the PMF for Payment, calculate CDF and plot the graph for CDF.

Skilling 8 b

Compare the cov and correlation of PMF vs CDF using histogram data