# Detailed Project Report (DPR)

Amazon Sales Data Analysis.

**The project was done by :**

**-Sri Venkatesh**

**-Yashwanth M**
**-Shashank Prakash Patil**

# Contents

## Objective:

Development of a interactive dashboard for analyzing the sales trend on different factors and take decisions according to that trend. The dashboard will help in solving problems related to sales factors.

## Benefits:

- Helps in growth.
- Focus on fewer sales areas.
- Helps in easy flow for managing resources.
- Helps in taking effective decisions.

## Analyzing and Prediction:-

- Analyzing the sales based on different regions
- Predict the success of different types of items based on this structure
- Analyze the profit of different items and work according to it

## Data Extraction from  CSV files:

- Extracted Data From Analyzing Amazon Sales data CSV
- Loaded into Power BI
- Perform Extract Transform Load (ETL) operations
- Plotted different types of charts(Bar Chart, Donut Charts, pie charts) ● In the end, gives an analyzing structure of data

## Q & A:

Q1) What's the source of data?

The data is provided by Ineuron in the form of CSV files

Q 2) What was the type of data?

The data was Numerical and Categorical

Q 3) What's the complete flow you followed in this Project?

Load the data into Tableau and do ETL as mentioned in the 3rd page.

Q 4) After the File validation what do you do with incompatible files or files which didn't pass the validation?

There were no incompatible files.

Q 5) What techniques were you using for data pre-processing?

•Removing unwanted attributes

•Visualizing the relation of independent variables with each other and output variables

•Checking and changing the Distribution of continuous values

•Removing outliers

•Cleaning data and imputing if null values are present.

•Converting categorical data into numeric values.

•Scaling the data

Q 6) How training was done or what models were used?

The training was irrelevant to this project

## Summary:-

- It is the data of sales that plays an important role in the growth of any company ● We manage the data and perform ETL in this process.
- In this, we have to analyze and make some predictions that help us take effective decisions.