**Project Synopsis**

**Amazon Sales Analysis**

**Introduction:**

The Amazon Sales Analysis project aims to provide a comprehensive overview of sales performance across various dimensions using Python. This analysis focuses on critical factors such as shipping status, product size availability, customer location (state-wise), and buyer categories, including retailers and B2B customers. By leveraging data analytics techniques, the project seeks to uncover patterns and insights that can drive decision-making processes, optimize sales strategies, and enhance customer satisfaction. The findings will help in understanding customer preferences, inventory management, and market trends within Amazon's vast e-commerce ecosystem.

**Objective of Project:**

The objective of the Amazon Sales Analysis project is to explore and analyse sales data

* **Perform Data Cleaning**: Ensure the dataset is accurate and consistent by handling missing values, correcting inconsistencies, and standardizing data formats
* **Conduct Exploratory Data Analysis (EDA):**
* Examine the distribution and trends in sales data across various dimensions such as shipping status, product size availability, and state-wise customer distribution.
* **State-wise Sales Analysis:**
* Examine state-wise customer distribution to identify high-performing regions and potential areas for growth.
* Use bar plots, histograms, and box plots to visualize the distributions and relationships identified above.