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**Project proposal Data Science**

**Subject: Introduction to Data Science**

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**COMSATS University islamabad**

Project Proposal by:  
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**Project Title:** Supermarket Sales Predictor

**Project Category:** Predictive Data Analysis and Data Visualization

**Project Description:**

With the increase in the consumer goods production the number of Superstores in cities are also increasing with time. Everyday these Superstores sell a variety of items to customers and market competition is also high. These superstores save the huge amount of Sale data but the lack the expertise to get insights of the data and here our application of data science is very useful to analyze the dataset and make predictions to maximize Supermarket Sales Profit and enhance customer satisfaction.

**Problem Statement:** How to enhance Supermarket sales profit and improve customer satisfaction based on Supermarket Sale Dataset.

**Propose Solution:** Predictive Data Analysis of Sales Dataset of Supermarket to get data insights, analyze and visualize data and make predictions to improve profits and customer satisfaction.

**Data Set Source:** Kaggle provides the dataset of a Supermarket with 3 branches in 3 different cities.

**Tools for Project:**

* Python and its Packages