Data Collection and Preprocessing Phase

Date	24 April 2024
Team ID	739934
Project Title	Crystal Ball Analysis: Projecting Share Prices Of The Leading Gpu Titans
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Template

Creating a data collection plan involves several key steps to ensure that the data gathered is reliable, relevant, and suitable for analysis.

Data Collection Plan Template

Section	Description
Project Overview	In today's world, technology plays a critical role in driving innovation and progress. Graphics Processing Units (GPUs) are at the forefront of this technological revolution, powering high-performance computing, gaming PCs, and applications like artificial intelligence. The demand for GPUs is influenced by various factors such as market trends, technological advancements, and economic conditions. Investors and stakeholders are keen to understand and predict the future stock prices of leading GPU companies. Accurately forecasting these stock prices is crucial as it helps in making informed investment decisions, optimizing portfolios, and minimizing financial risks. However, the dynamic and volatile nature of the GPU market makes it challenging to predict stock prices accurately.
Data Collection Plan	• Collect dataset which is related Crystal Ball Analysis: Projecting Share Prices Of The Leading Gpu Titans

	• Collect the information regarding Crystal Ball Analysis: Projecting Share Prices Of The Leading Gpu Titans which will be helpful for model development.
Raw Data Sources Identified	Raw data i.e., Dataset for Crystal Ball Analysis: Projecting Share Prices Of The Leading Gpu Titans is collected from Kaggle which consist of Date, Open, High, Low, Close, Adj Close, Volume

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Kaggle Dataset	This dataset consist of information regarding Crystal Ball Analysis: Projecting Share Prices Of The Leading Gpu Titans	https://www.kaggle.com/datasets/kapturovalexander/nvidia-amd-intel-asus-msi-share-prices	CSV	3MB	Public