

Data Collection and Preprocessing Phase

Date	8 July 2024
Team ID	SWTID1720096271
Project Title	Machine learning approach for Predicting the price of natural gas
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Template

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

Data Collection Plan Template

Section	Description
Project Overview	This project aims to develop a machine learning model to accurately forecast natural gas prices. By utilizing historical price data and advanced machine learning techniques, the project addresses the challenges of market volatility and the limitations of current forecasting methods. The goal is to provide a reliable tool for energy company planners and financial advisors, enabling them to make informed, confident, and cost-effective decisions.
Data Collection Plan	1.Skill Wallet Platform 2.Kaggle
Raw Data Sources Identified	Monthly and Daily Prices of Natural gas, starting from January 1997. monthly_csv.csv (17.05 kB), Kaggle. daily_csv.csv (85kB), Skill Wallet.

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Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
monthly_csv.csv	Monthly price of natural gas.	Natural gas prices (kaggle.com)	CSV	17 KB	Public
daily_csv.csv	Daily price of natural gas.	https://github.com/Guided-Projects/Natural-Gas-Price-Prediction	CSV	85KB	Public
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