**ChatGPT Prompt Templates**

|  |  |
| --- | --- |
| Use Case | Prompt for ChatGPT |
| Data Exploration | Can you summarize the main statistical properties and visual trends in this dataset? |
| Data Cleaning | What are common methods to handle missing data and outliers in a dataset like this? |
| Feature Engineering | What are some potential new features I could create from this data to improve a predictive model? |
| Algorithm Selection | Based on the data, which machine learning algorithms should I consider for a classification problem? |
| Hyper-parameter Tuning Guidance | What hyper-parameters should I focus on tuning for a Random Forest model using this type of data? |
| Model Evaluation | How can I evaluate the performance of my model effectively, and what metrics would you recommend? |
| Documentation and Reporting | Can you help me generate a report summarizing the findings and methodology of this data science project? |
| Code Generation | Could you provide a Python script for a linear regression model training using this dataset? |
| Web Apps | What are the steps to create a simple web app that allows users to interact with predictions from our model? |
| Anomaly Detection and Prediction | How can I detect anomalies in this time series data? What techniques or models would you suggest? |
| Time Series Forecasting | What are the best practices for forecasting future values in this time series dataset? Can you suggest a model or approach? |