

Conversation with Kaggle Recommendation System

User: Proposed title: Predictive Modeling for Sales Forecasting – An Exploration of Advanced Time Series Methods In the dynamic business world, where unpredictability is the norm, the capacity to anticipate and steer sales patterns is crucial for companies striving not only to stay afloat but to flourish. “Predictive Modeling” sets off on an engaging expedition, decoding the complex world of sales prediction through a comprehensive study of advanced time series techniques. This thesis acts as a guiding light, highlighting the route toward accuracy, flexibility, and strategic insight in the sales field. Leveraging a suite of sophisticated models, such as ARIMA, SARIMA, LSTM, and ETS, this study strives to decipher the complex interplay of trends, cyclical patterns, and inherent structures in chronological data. Its aim is not just to forecast sales numbers with precision, but also to uncover the concealed stories within the time-bound framework of business activities. The impetus behind this study goes further than just numerical forecasts. “Predictive Modeling” aims to instigate a fundamental change, encouraging businesses to utilize complex time series techniques to turn sales prediction into a valuable resource. This capstone project expose is more than just a forecasting instrument; it’s an appeal for businesses to welcome a new period of strategic insight.

Kaggle Recommender Engine: 1. Dataset Name: rohitsahoo/sales-forecasting - Title: Superstore Sales Dataset - Description: Superstore Sales Dataset by Rohit Sahoo. Predict Sales using Time Series - Author: Rohit Sahoo - Link: <https://www.kaggle.com/datasets/rohitsahoo/sales-forecasting> - Last updated: 11/09/2020 15:40 - Size: 480KB - Usability rating: 1.00 - View count: 289987 - Licence: GPL 2 - Tags: earth and nature, clothing and accessories, business, computer science 2. Dataset Name: shivan118/big-mart-sales-prediction-datasets - Title: Big Mart Sales Prediction Datasets - Description: Big Mart Sales Prediction Datasets by shivan kumar. Build a predictive model and predict the sales of each product - Author: shivan kumar - Link: <https://www.kaggle.com/datasets/shivan118/big-mart-sales-prediction-datasets> - Last updated: 04/10/2020 04:08 - Size: 327KB - Usability rating: 0.94 - View count: 58168 - Licence: CC0: Public Domain - Tags: arts and entertainment, earth and nature, business, computer science, investing, online communities 3. Dataset Name: remisharoon/predict-future-sales-translated-dataset - Title: Predict Future Sales - Translated Dataset - Description: Predict Future Sales - Translated Dataset by remisharoon. Predict Future Sales - Translated Dataset - Author: remisharoon - Link: <https://www.kaggle.com/datasets/remisharoon/predict-future-sales-translated-dataset> - Last updated: 04/03/2020 11:30 - Size: 369KB - Usability rating: 0.82 - View count: 11081 - Licence: CC0: Public Domain - Tags: business 4. Dataset Name: abhishekrp1517/sales-data-for-economic-data-analysis - Title: Sales Data for Economic Data Analysis - Description: Sales Data for Economic Data Analysis by Abhishek Ranjan. A comprehensive view of sales transactions - Author: Abhishek Ranjan - Link: <https://www.kaggle.com/datasets/abhishekrp1517/sales-data-for-economic-data-analysis> - Last updated: 17/03/2023 06:51 - Size: 3MB - Usability rating: 0.88 - View count: 20344 - Licence: Database: Open Database, Contents: Database Contents - Tags: business, economics, exploratory data analysis, data analytics, tabular 5. Dataset Name: prognosticshse/preventive-to-predictive-maintenance - Title: Preventive to Predictive Maintenance - Description: Preventive to Predictive Maintenance by Prognostics @ HSE. Extensive data set for machine learning on remaining useful life prognosis (PHM) - Author: Prognostics @ HSE - Link: <https://www.kaggle.com/datasets/prognosticshse/preventive-to-predictive-maintenance> - Last updated: 14/02/2022 10:46 - Size: 3MB - Usability rating: 1.00 - View count: 20802 - Licence: Attribution 4.0 International (CC BY 4.0) - Tags: universities and colleges, science and technology, computer science, time series analysis, regression I hope this was a helpful response. Now you can talk with the recommended data.

User: What are the interesting things about these datasets ?

Kaggle Recommender Engine: Sorry, but I don't know about it.

User: Can you summarise these datasets for me ?

Kaggle Recommender Engine: 1. The first dataset is titled "Big Mart Sales Prediction Datasets" by shivan kumar. This dataset is intended for building a predictive model to predict the sales of each product. It was last updated on 04/10/2020, has a size of 327KB, a usability rating of 0.94, and a view count of 58168. 2. The second dataset is "Sales Data for Economic Data Analysis" by Abhishek Ranjan. It provides a comprehensive view of sales transactions. The dataset, updated on 17/03/2023, is 3MB in size, has a usability rating of 0.88, and has been viewed 20344 times. 3. The third dataset, "Superstore Sales Dataset" by Rohit Sahoo, is used for predicting sales using time series. It was last updated on 11/09/2020, has a size of 480KB, a usability rating of 1.00, and a high view count of 289987. 4. The fourth dataset, "Predict Future Sales - Translated Dataset" by remisharoon, is used to predict future sales. It was last updated on 04/03/2020, has a size of 369KB, a usability rating of 0.82, and has been viewed 11081 times. 5. The fifth dataset, "Preventive to Predictive Maintenance" by Prognostics @ HSE, is an extensive dataset for machine learning on remaining useful life prognosis. It was last updated on 14/02/2022, is 3MB in size, has a usability rating of 1.00, and a view count of 20802.

User: Give me one paragraph about them.

Kaggle Recommender Engine: The above datasets are various resources available for sales forecasting and economic analysis. The first dataset, named "Superstore Sales Dataset" by Rohit Sahoo, is intended for predicting sales using time series. The second dataset, "Sales Data for Economic Data Analysis" by Abhishek Ranjan, provides a comprehensive view of sales transactions. The third dataset, "Big Mart Sales Prediction Datasets" by shivan kumar, is designed to help build a predictive model and predict the sales of each product. The fourth dataset, "Preventive to Predictive Maintenance" by Prognostics @ HSE, is an extensive data set for machine learning on remaining useful life prognosis (PHM). The fifth dataset, "Predict Future Sales - Translated Dataset" by remisharoon is used to predict future sales. All these datasets can be found on Kaggle and are tagged under various categories like business, economics, computer science, etc.