YOSUA SAPUTRA

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LANGUAGES/SKILLS

Computer Languages:	• Python(eg. Numpy, Pandas, Matplotlib),
	• SQL(MySQL),
	• R(Tidyverse: tidyr & dplyr, ggplot2)
Software Tools:	• Tableau, Jupyter Notebook, Overleaf, Microsoft Excel

ACADEMIC/SELF PROJECTS

Data Analysis Report *August 2021*
Student's Exam Scores Analysis

· Demonstrated fundamentals in pandas and implemented various data manipulation operations for data set containing 1,000 students.
· Manipulated and analyzed data set to devise questions for possibilities into improving exam scores.
· Utilized matplotlib and constructed visualizations to compare specific groups of selected students associated with parental education and correlation between academic subjects
· **Link:** https://github.com/ohayosua/Projects/blob/main/Self%20Data%20Report.ipynb

Time Series & Forecasting Analysis *Summer 2021*
Monthly Gas Production Analysis

· Processed time series data which include non-stationary and seasonality and proceeded transformation methods and differencing to remove its seasonality and non stationarity.
· Constructed visualizations of the transformed data and obtained potential parameters for SARIMA model.
· Performed diagnostic checking for time series data's residuals including properties resembling White Noise and compared AICc values to determine best SARIMA model.
· Generated forecasting data while compare original data to infer overall analysis.
· **Link:** https://github.com/ohayosua/Projects/blob/main/TIME-SERIES-ANALYSIS-GAS.pdf

EDUCATION

University of California, Santa Barbara *September 2018 - June 2021*
Bachelor of Arts in Statistics & Data Science / Bachelor of Arts in Economics

· Relevant Coursework: Time Series, Principles of Data Science with R, Introduction to Statistical Machine Learning, Regression Analysis, Statistical Data Science, Probability and Statistics

OTHER EXPERIENCE

UCSB Arts & Lectures *June 2020 - September 2020*
Online Student Ambassador/Web Designer *Santa Barbara, CA*

· Constructed templates for UCSB A&L website created for an online focus towards student content centered around arts and ideas.
· Designed potential layout for official website pages while generating content for weekly emails and developed weekly digital content.
· Collaborated with project teams to filter/input archives into the website and consistently update events, blogs, playlists, and data associated with A&L from existing Excel data set.