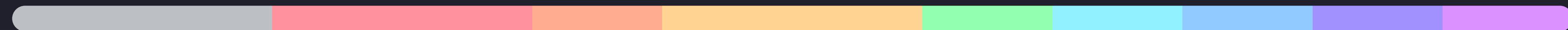


RESUME & PORTFOLIO

Data Scientist Portfolio

Add text

Muhammad Zydan Priambada



ABOUT ME

NICE TO MEET YOU! I AM

Muhammad Zydan Priambada

Data Scientist Fresh Graduate

I am a Certified Data Scientist looking for a data science entry-level position. Strong foundation in Python-driven data science and SQL database management. Experienced in building end-to-end data pipelines from scraping social media data to sentiment analysis.

EDUCATION

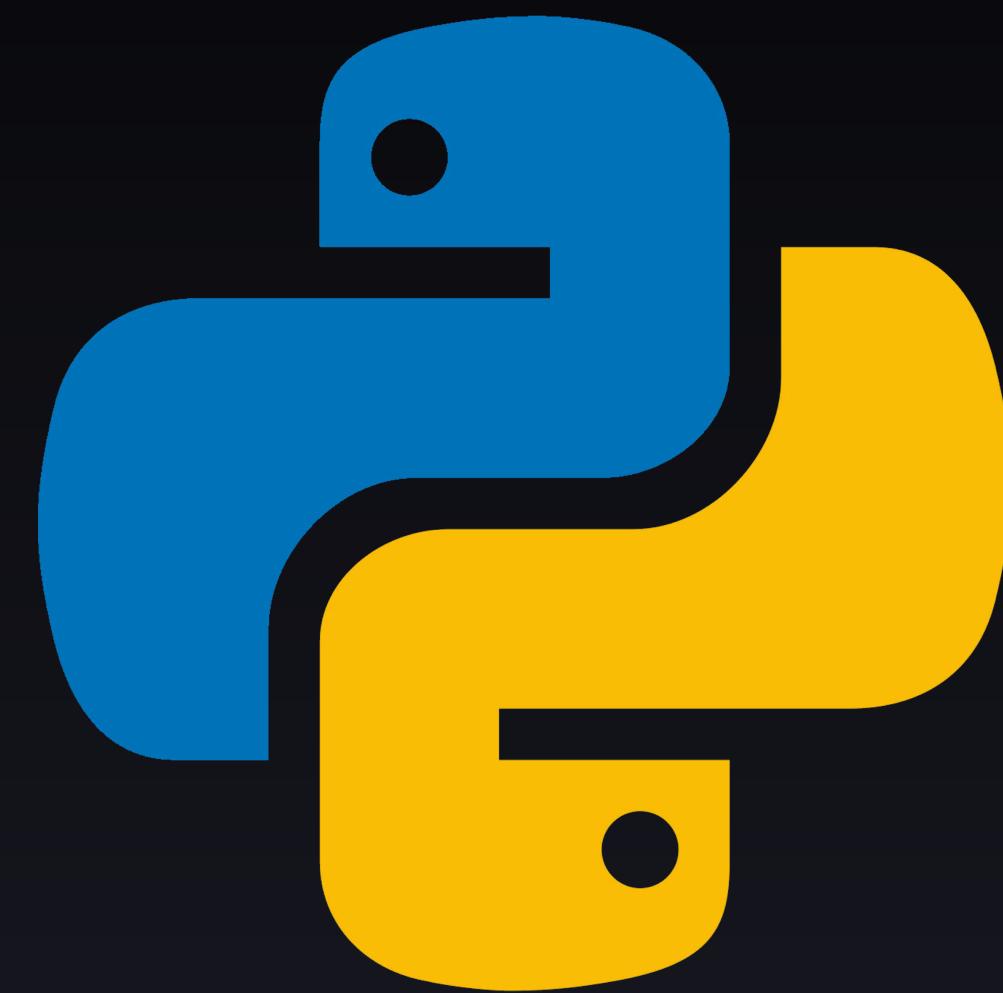
Institut Teknologi Bandung

Bachelor of Physics. GPA: 3.54/4.00

Earth Physics and Complex Systems Research Group



Notable Skills



OTHER SKILLS:

Problem Analysis, ETL, CRISP-DM, Mathematics, Statistics, Visualization, Design

RESUME

Related Certificates

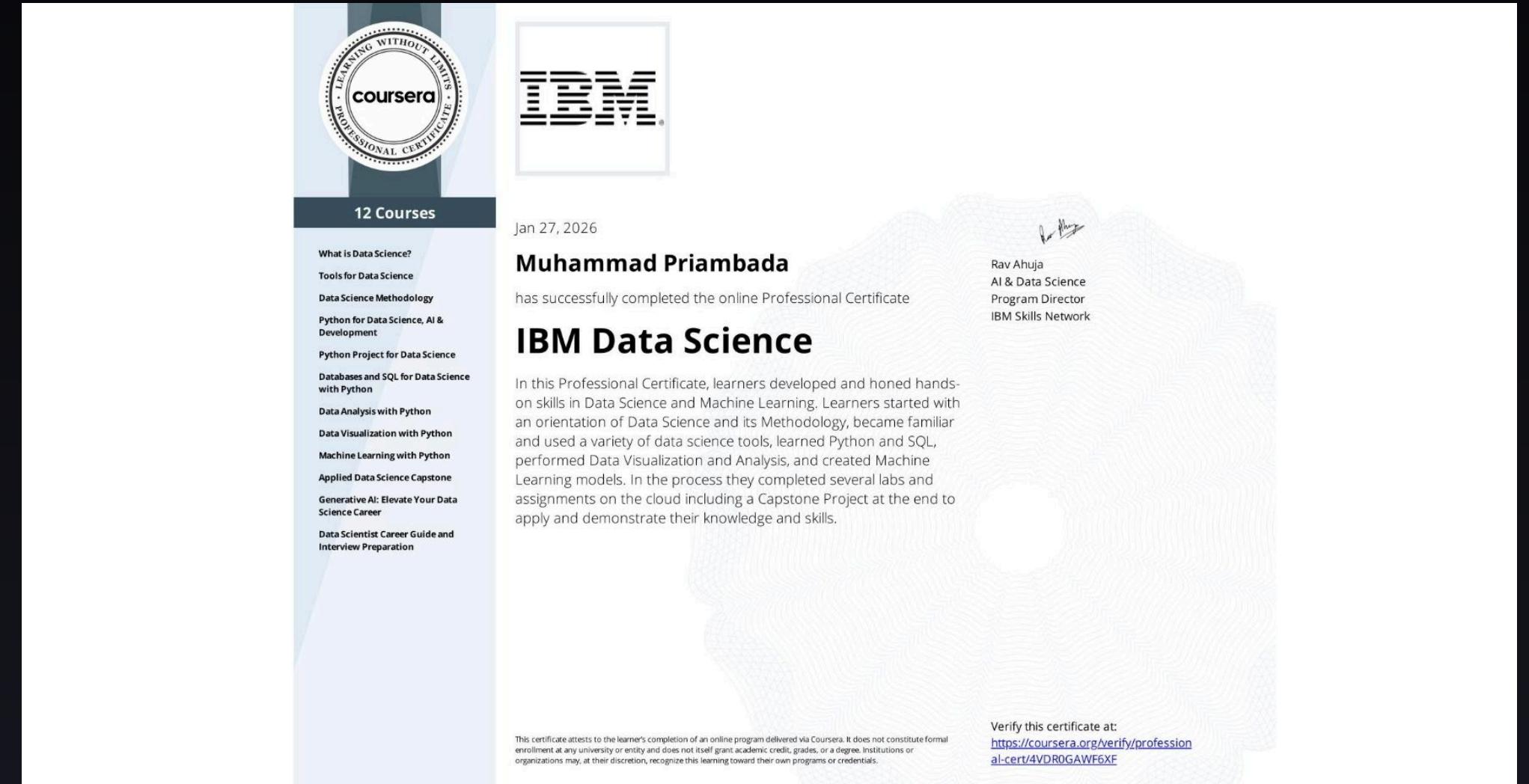
IBM Data Science Professional Certificate

Developed and honed hands-on skills in Data Science and Machine Learning. Started with an orientation of Data Science and its Methodology, became familiar and used a variety of data science tools, learned Python and SQL, performed Data Visualization and Analysis, and created Machine Learning models

[Click to see credential](#)

Completed Courses:

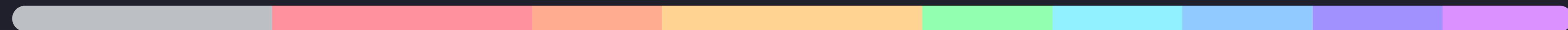
- Data Science Introduction
- Tools for Data Science
- Data Science Methodology
- Python for Data Science & Development
- Python Project for Data Science
- Databases and SQL for Data Science with Python
- Data Analysis with Python
- Data Visualization with Python
- Machine Learning with Python
- Applied Data Science Capstone
- Generative AI: Elevate Your Data Science Career



COLLECTION OF PROJECTS

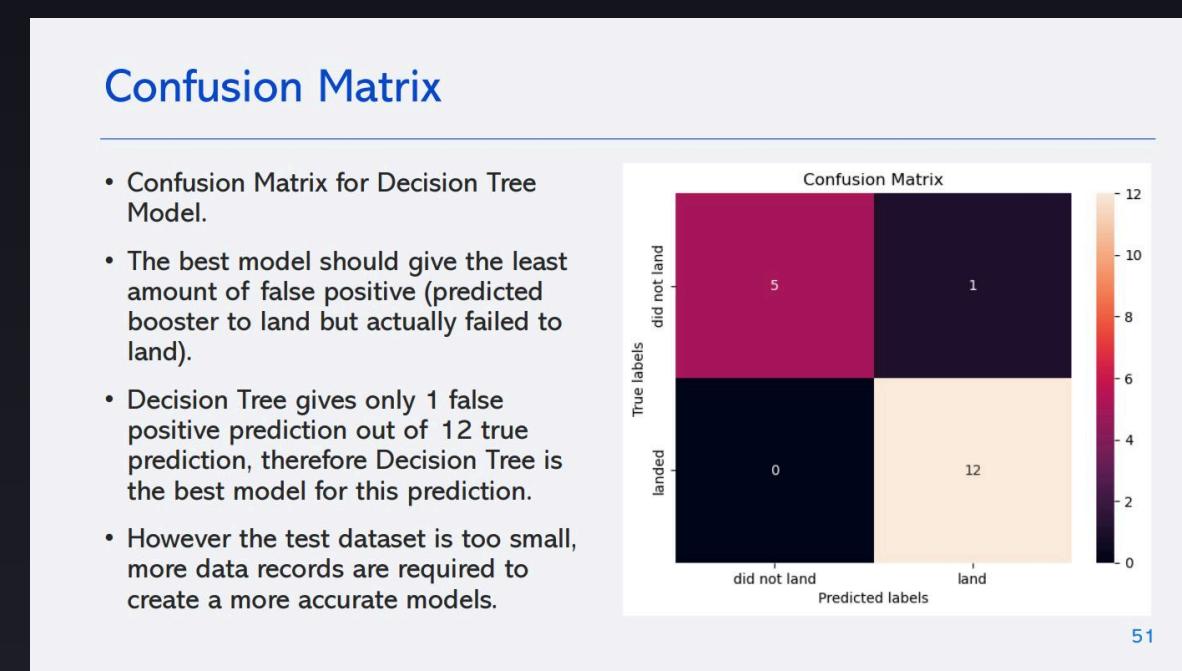
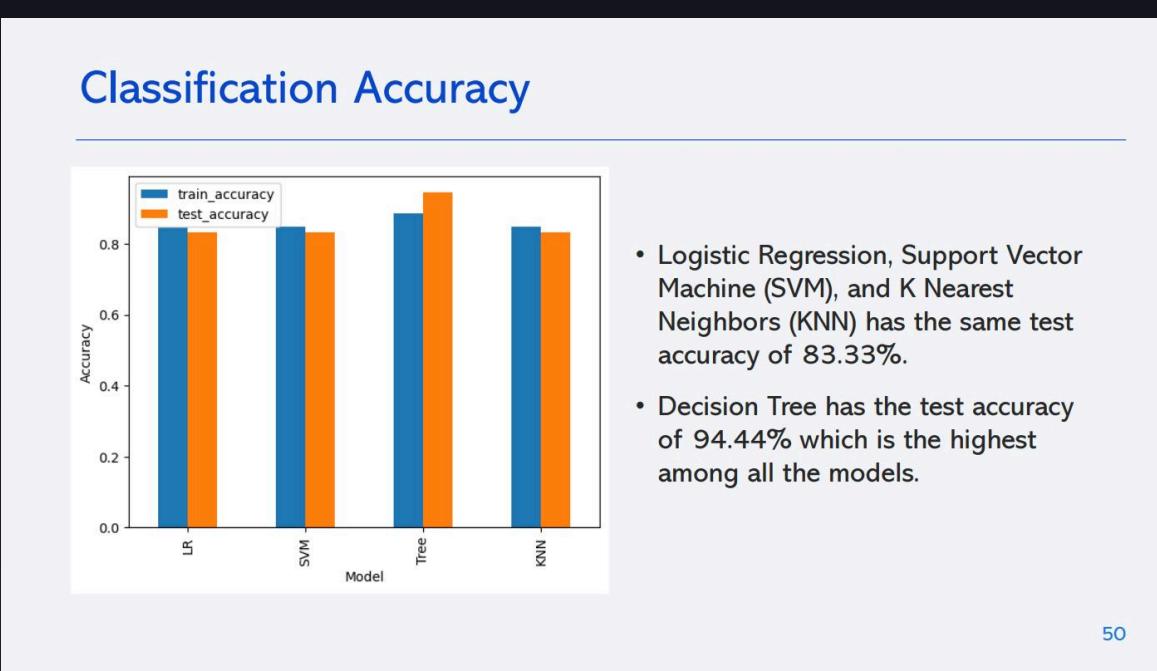
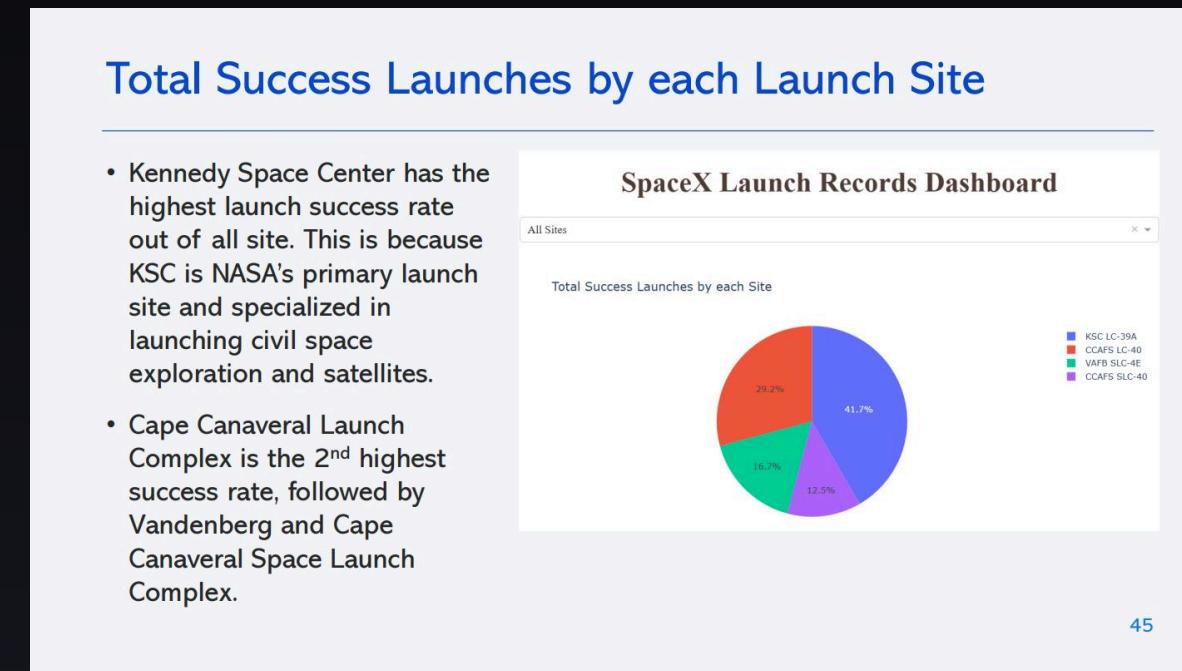
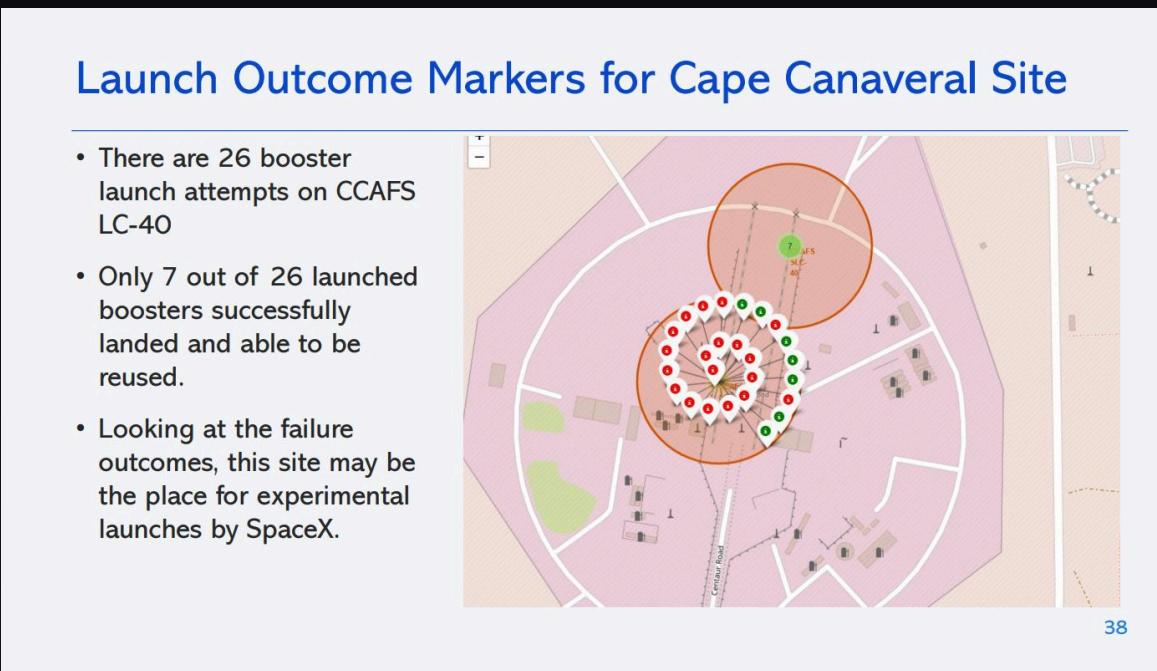
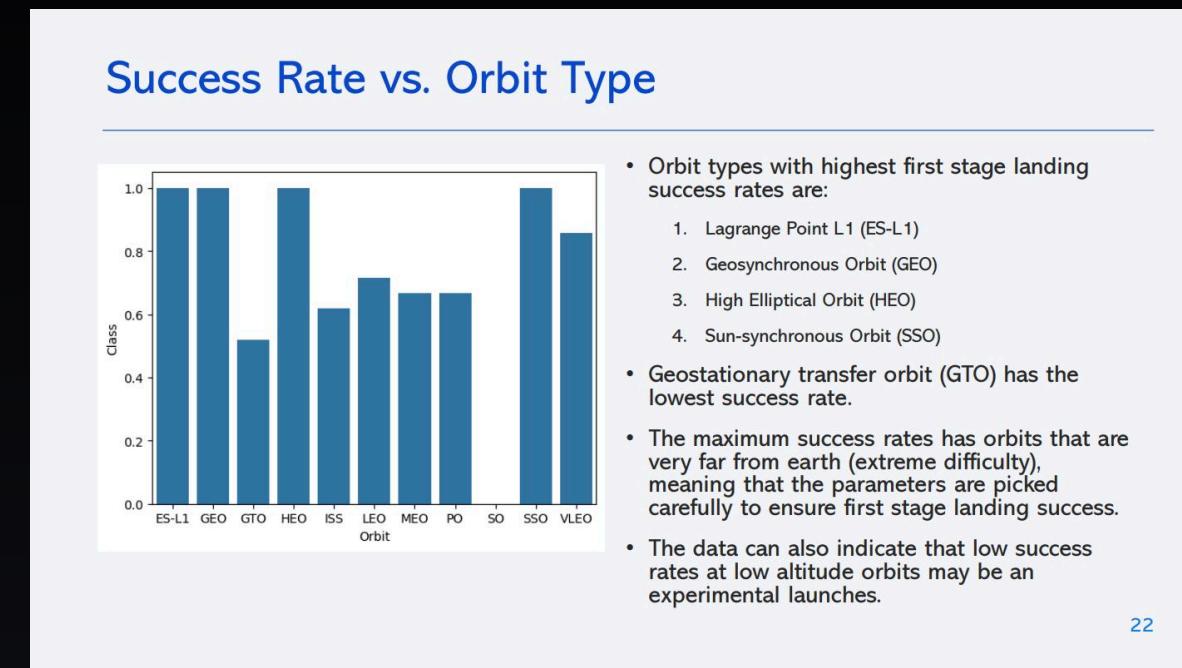
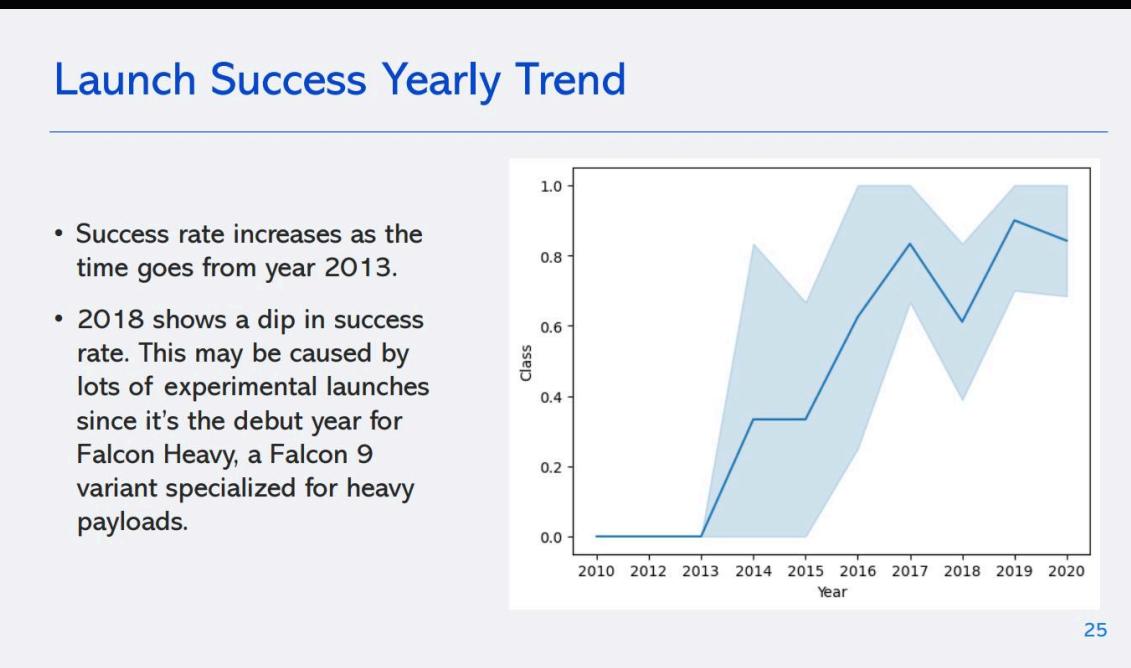
Data Science Projects

Personal Data Science related projects



PROJECT #1

IBM Applied Data Science Capstone: Winning Space Race with Data Science



This project explores SpaceX Falcon 9 launch records to analyze and determine the most optimal launch cost for reusable rocket boosters.

Used classification model to predict the landing outcome, with four different types of models:

- Logistic Regression
- Support Vector Machine
- Decision Tree
- K Nearest Neighbor

[Click here for full Presentation](#)

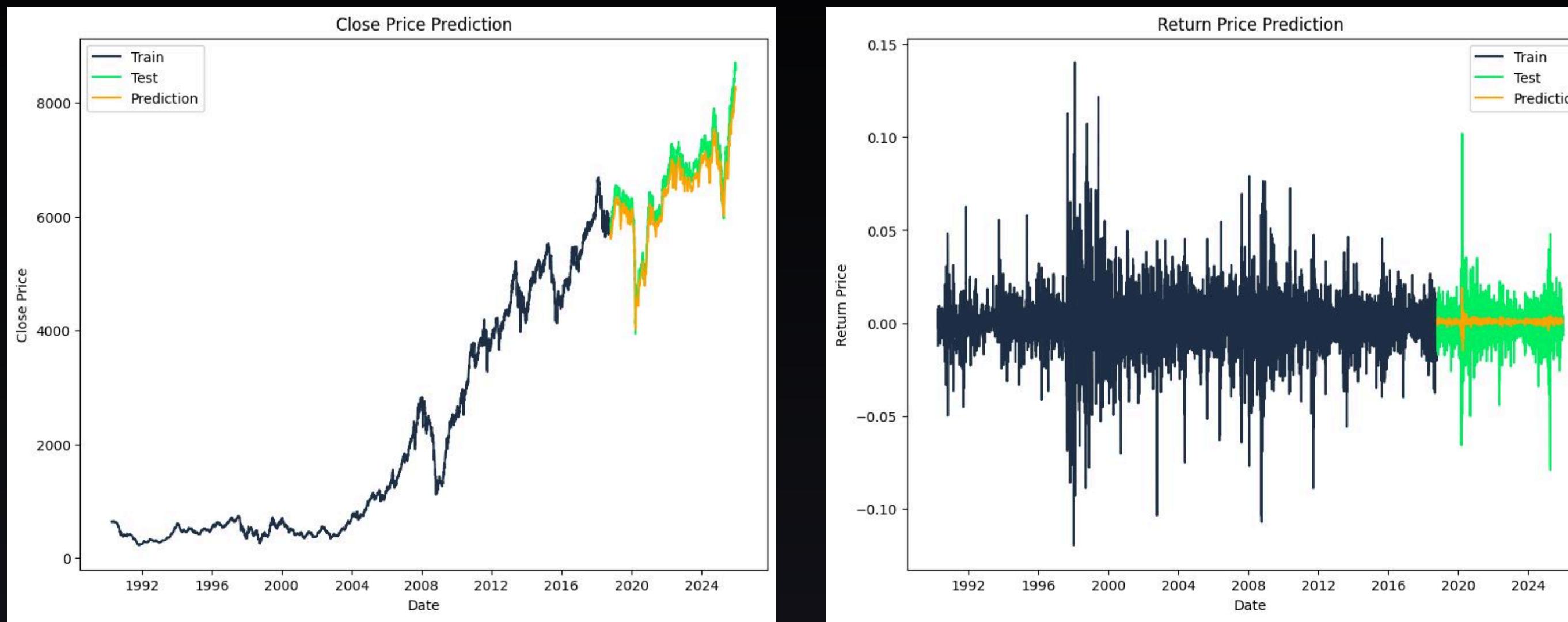
PROJECT #2

Twitter (X) Sentiment Analysis: Public Perception of AI-Generated Arts

Notable tasks include:

- Tweet data scraping using twitterapi.io.
 - Data cleaning with semantic filtering.
 - Labeling sentiment using roBERTa, a model trained from over 58M tweets.

Click here for full Presentation



PROJECT #3

IDX Stock Price Predictive Modeling using ARIMA and LSTM

Notable tasks include:

- Gathering stock data from Yahoo Finance
- Testing LSTM model with closing price as a feature
- Measuring RMSE and directional accuracy of the trained model
- Testing daily return as an alternative feature

[Click here for full Presentation](#)

Layer (type)	Output Shape	Param #
lstm (LSTM)	(None, 60, 64)	16,896
lstm_1 (LSTM)	(None, 64)	33,024
dense (Dense)	(None, 128)	8,320
dropout (Dropout)	(None, 128)	0
dense_1 (Dense)	(None, 1)	129



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GITHUB: [HTTPS://GITHUB.COM/DAN9111](https://GITHUB.COM/DAN9111)

