

# MAFAZ MOHAMED

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Power Bi Projects: [Link](#) | Data Analysis Projects: [Link](#)

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## SUMMARY

Energetic and ambitious data science enthusiast with hands-on experience in data analysis, forecasting, and model development. Proficient in Python, Machine learning, Deep learning, NLP, and data visualization. Eager to apply data-driven thinking to solve real-world problems and grow in innovative environments with an entrepreneurial spirit.

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## WORK EXPERIENCE

### Internship, Revenue Management at SriLankan Airlines

Nov 2024 - Feb 2025

- Developed a time series forecasting model to predict average fares for each market in upcoming months and deployed it as a web application.
- Analyzed market data and generated comprehensive reports to identify market dynamics, patterns, and demand variations.
- Created interactive dashboards using Power BI and Python (Streamlit) to present insights in a clear and meaningful manner.
- Gained hands-on experience in Python for data analysis and model building.

## PROJECTS

### Research Project (Final Year)- Zero-Shot Learning for ESG and Corporate Event Text Classification Using Pretrained Entailment Models for Investment Intelligence

- Techniques : NLP, Web Scrapping, Machine Learning
- Leveraged NLP models (BART and BERT) for text classification using zero-shot learning, eliminating the need for domain-specific training data.
- Achieved 60% to 85% accuracy across various text classification tasks

### Stock Price Prediction Using Yahoo Finance API

- Techniques : Deep Learning, Streamlit,
- Built and trained an LSTM deep learning model for time-series forecasting of stock trends.
- Deployed the app with Streamlit, featuring interactive visualizations and real-time user input.

### HappyWings – Airline Passenger Satisfaction Predictor ( [Link](#) / [Source](#) )

- Techniques : Machine Learning, HTML/CSS, Flask, Render, PostgreSQL
  - Developed a machine learning model that uses various factors to predict airline passenger satisfaction based on their flight experience, achieving over 95% accuracy.
  - Built and deployed a user-friendly website
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## EDUCATION

### Bachelor of Science (Honours) in Industrial Statistics, Second Class Upper Division

Apr 2021 - Apr 2025

Faculty of Science, University of Colombo

- GPA: 3.3
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## KEY SKILLS

- Data Visualization: Power Bi, Excel, Tableau
- Programming Languages: Python and SQL
- Deployment: Flask, Streamlit, FastAPI
- Machine Learning
- Deep Learning
- NLP
- Time Series Analysis