VISHAL GIMHAN

Bachelor of Business Science - Business Analytics (University of Moratuwa)

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📍 Moratuwa, Sri Lanka

ABOUT ME

Dedicated and detail-oriented Business Analytics undergraduate and with a passion for deriving actionable insights through data. Skilled in **data analytics, machine learning, data visualization, and business intelligence**, with hands-on experience. Seeking to leverage analytical skills and technical expertise in entry-level roles like Data Analyst or Data Science.

PROJECTS

- **Zillow Housing Data Dashboard:** Analyzed Zillow Zestimate data to provide insights into the US real estate market, guiding investors in identifying undervalued properties, predicting price trends, and optimizing returns.
  - *Tools: Azure, Power BI*
- **Gas Turbine Emission Analysis:** Conducted regression and clustering to analyze and predict emissions of NOx and CO from a gas turbine, optimizing emission control.
  - *Tools: Regression & Clustering Models*
- **Bitcoin Prediction App:** Built an app using Deep Learning to predict Bitcoin prices, aiding in trading strategies and risk management.
  - *Tools: Neural Networks*
- **Stock Market Analysis:** Combined sentiment analysis and historical data to predict stock price movements and inform trading strategies.
  - *Tools: Text Analytics, Regression Models, Neural Networks*
- **GeoSpatial Clustering:** Used geospatial clustering on NYC taxi data to identify high-traffic areas and optimize transportation systems.
  - *Tools: Clustering Models, QGIS*

CERTIFICATIONS

- **Programming in Python** - University of Moratuwa (Online)
- **Numpy, Pandas & Matplotlib** - Udemy
  - *Coverage: Data manipulation, analysis, and visualization*
- **Data Cleaning, Feature Engineering** - Kaggle
  - Preparation of data for machine learning models
- **Microsoft PowerBI** - Udemy
  - Data Transformation, Data Modelling, Visualizations and Publishing
- **Machine Learning Specialization by Andrew Ng** - DeepLearning.AI & Stanford Univeristy (Online)
  - Basics of Machine Learning to Advanced Algorithms
- **Generative AI with Large Language Models** - DeepLearning.AI & AWS
  - Foundational concepts of Language Models, Generative AI lifecycle, etc

EDUCATION

- **University of Moratuwa**
  2021 - 2024 (CGPA - 3.98)
  Relevant Courses
  - Math & Statistics
  - Data Wrangling / Data Cleaning
  - Database Management
  - Data Visualization
  - Machine Learning
  - Deep Learning
  - Text Analytics
  - Business Intelligence

SKILLS

- **Programming**
  - Python, R,
- **Database**
  - MySQL
- **Data Visualization**
  - PowerBI, Tableau
- **IDEs and Editors**
  - Visual Studio Code
  - Jupyter Notebooks
  - Google Collab
- **Version Controlling**
  - Git

VOLUNTEERING & AWARDS

- Rotaract Club of University of Moratuwa
- AIESEC CS University of Moratuwa
- OC - Colombo Business Analytics Forum 2024
- Data Storm 5.0 (Advanced Analytics Competition) - Semi-FInalists
- Intellihack 4.0 (ML and AL Hackathon) - Finalists
- BI Master 1.0 (Business Intelligence Datathon) - Finalists

REFERENCES

- Available upon request.