



Ahmed Thahir

Business Transformation with AI+Data+Digitalization

Computer Engineering student eager to continuously learn & explore the world of Technology. On completing various projects and hands-on experiences at Emirates and Reckitt, skilled at Digital Transformation with a clear focus on solutions, communication of KPI insights & storytelling with data.

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Work Experience



Digitalization Intern

Jul 2023 - Jan 2024

Reckitt: R&D

- Deployed modelling for product chemical kinetics, saving >18 months of R&D to extract insights
- Deployed KPI dashboards w/ PowerBi, deriving data insights from Reckitt sites globally
- Designing custom Data Loggers and Sensors solutions w/ Arduino & Raspberry Pi



Data Science Intern

Jun - Aug 2022

Emirates: Revenue Optimization

- Implemented forecasting model for flight boardings, outperforming standard PROS forecast with lower RMSE
- Developed KPI dashboards to support optimizing demand, pricing and inventory
- Explored business KPIs useful for monitoring metrics

Club Experience



Mentor

Jul 2022 - Present

Google Developer Student Clubs, BPDC

- Managing 300+ university students eager to solve real-world problems using Google tech
- Conducting innovative events averaging 50 participants
- Developed Python ERP for event KPI analysis & automation, saving 10hrs of weekly overhead



VP: Business & Digitalization

Jan - Aug 2022

Formula Student, BPDC

- Guided Team AI Fursan at Formula Student Netherlands 2022 to 3rd place in Business Plan Pitch
- Digitalizing all processes and moving away from traditional paper-based systems
- Led the team in budgeting, sponsorship & creative aspects

Education

BITS Pilani, Dubai Campus

B.E. Computer Science; Grade: 96%

Sep 2020 - Present

The Indian High School

Higher Secondary Education; Grade: 92%

Batch of 2020

Interests & Hobbies

Sports, Filmmaking, Photography, Photo Editing, Video Editing, Teaching, Storytelling, Skateboarding, Designing, Social Work

Relevant Skills

Modeling & Prediction Data Science, AI, Machine Learning, Statistics, Optimization, Time-Series

Business & Finance Economics, Accounting, Financial Mgmt, Portfolio Mgmt

Relevant Tools

Programming Python, JavaScript, Java, C, C++

Databases MySQL, SnowflakeSQL, DuckDB

Data Extraction Scrapy, Selenium, Playwright, httpx

Data Analysis Pandas, Polars, Excel, PowerQuery

Data Visualization Plotly, PyGWalker, Matplotlib, Seaborn

Dashboards PowerBI, Dash, Streamlit

AI & ML Numpy, Scipy, Sklearn, Sktime, OpenCV, Spacy, NLTK, PyTorch, TensorFlow

Electronics & IoT Arduino, RaspberryPi, NodeMCU

Relevant Projects

Chemical Kinetics Modelling: Reckitt Products

Time-series modelling of Shelf Life & Reaction Characteristics, saving >18 months of R&D to extract insights. The solution was deployed onto an interactive dashboard for Reckitt employees. (Python, Pandas, Polars, Plotly, Streamlit, sklearn, scipy)

Passenger Boarding Forecasting: Emirates Flights

Time-series modelling of passenger boardings, incorporating trends & seasonality, resulting in lower RMSE than industry standard PROS forecasts. (Python, Pandas, SnowflakeSQL, Plotly)

Financial Statements Analysis

Dashboard analyzing financial statements & stock data of publicly-listed corporations using live data from YahooFinance (Python, Pandas, Plotly, Streamlit, yahooquery)

Recommendations

Emirates Internship Manager

Dr. Duminda Dahanayake
Manager, Revenue Optimization, Emirates

Formula Student Team Supervisor

Dr. Priyank Upadhyaya
HOD, Mechanical Engineering, BPDC