

# Muhammed Thufail

## Data Scientist | Business Analyst | Econometrician

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### 👤 PROFILE

An economics graduate transitioning to data scientist with keen interest in finding data driven solutions for real world social and business problems. A fast learner and adaptive to challenging situations. Seeking to leverage skills in high growth environment.

### 🎓 EDUCATION

**Ph.D. Economics**, University of Hyderabad 2017 – present | Hyderabad  
• Working on interdependence and connectedness between Indian financial and stock sectors using time series econometric and machine learning models.

**M.A Economics**, Maulana Azad National Urdu University 2015 – 2017 | Hyderabad  
• Post graduate project on the feasibility and performance of ethical indices in National Stock Exchange.

**B.A Economics**, University of Calicut 2011 – 2014 | Calicut  
• Specialization in Mathematical Economics

### 💼 PROFESSIONAL EXPERIENCE

**Junior ML Engineer**, Omdena 07.2022 – present  
• Project aimed at providing free access to machine learning opportunities to school students across India  
• Worked with data mining and web scraping tools like Selenium and BeautifulSoup.  
• Gathered and wrangled data from different sources for more than 4000 higher secondary schools in Kerala.

**Controller - SIBAQ National Artfest**, DHIU Malappuram  
• Led and coordinated a team of more than 50 people to manage National Arts fest event attended by 25 institutions and 3000 candidates both in 2016 and 2018.  
• Spearheaded the development of solution for streamlining entry, aggregation, calculation and publication of marks and results using Spreadsheet.  
• Deployed a real time dashboard online and offline with aggregated results.

**Instructor**, DHIU Malappuram, Kerala 06.2014 – 06.2015  
• Taught Mathematics at high school level

### 🧠 SKILLS

**Toolbox** (Python, R, Pandas, Numpy, Scikit Learn, TensorFlow, Keras, PyCaret, tidyverse), **Database** (MySQL)  
**Machine Learning** (Regression, Classification, Clustering), **Data Visualization** (ggplot, Matplotlib, Seaborn)  
**Data Science Pipeline** (ETL, Manipulation, EDA, Visualization, Modelling, Evaluation, Forecasting and Prediction)  
**Business Intelligence** (Tableau, Power BI), **Microsoft** (Word, Power Point, Excel)  
**Languages** (English, Malayalam, Urdu, Arabic, Hindi)

### 🏆 AWARDS

**Gold Medal, Post Graduation - Economics**, MANUU, Hyderabad 2017

**Junior Research Fellowship**, University Grants Commission, MHRD 2017

### 📖 COURSES & CERTIFICATES

**Data Scientist with R Career Track**, Datacamp.com 01.2018

**FinMode'18, Time Series with R Workshop**, 09.2018 | Kanpur  
IIT Kanpur & The Indian Econometric Society

**Time Series Econometrics using E-views**, 02.2018 | Malappuram  
Farook College & The Indian Econometric Society

**Machine Learning Courses with Python**, Kaggle.com 2022

**SQL (Basic, Intermediate) | Python (Basic)**, HackerRank.com 2022

**Introduction to Tableau**, simplilearn.com 07.2022

### 🎯 INTERESTS

Time Series | NLP | Deep Learning | Econometrics | Probability & Statistics