

Syed Hamid Rahim

Data Analyst

Islamabad, Pakistan | +92 342 5592 517 | s.hamidrahim@hotmail.com | [LinkedIn](#)

Highly driven professional with a strong background in data analysis, machine learning, and statistical modeling, seeking an opportunity to apply my skills in Python, R, SQL, Power BI and data visualization to help organizations make informed, data-driven decisions. Passionate about leveraging predictive analytics and deep learning techniques to solve complex business challenges, streamline processes, and uncover actionable insights that support organizational growth and efficiency. Eager to contribute to a dynamic team where data is key to driving innovation and strategic outcomes.

AREAS OF EXPERTISE

- Data Mining
- Artificial Intelligence
- Data Modelling
- Machine Learning
- Statistical Analysis
- Data Visualisation
- Deep Learning
- Bayesian Statistics
- Frequentist Statistics
- Power BI, Tableau, and SQL
- R Studio
- Python
- Numpy
- Pandas
- Scikit Learn
- TensorFlow
- Plotly
- Problem-solving

WORK EXPERIENCE

Quantsys

AI / Machine Learning Engineer

March 2023 – September 2024

- Improved the Mean Absolute Percentage Error (MAPE) of the ERCOT Houston Hub electricity price prediction model by 10%, enhancing forecast accuracy through the optimization of machine learning algorithms, feature engineering, and model tuning.
- Developed, debugged and maintained ML and AI software applications written in Python ecosystem, SciKit-Learn, TensorFlow, Keras, PyTorch.
- Designed ML and Deep AI Models for different types of data (time series, sales, business data, images, etc.) and different output types (Classification, Regression, Clustering).
- Created stream learning models for forecasting, prediction, classification, anomaly detection, etc.
- Investigated the behavior of input and output data numerically.
- Investigated and optimized model performance.
- Solved complex problems with multi-layered data sets, as well as optimized existing machine learning libraries and frameworks.
- Worked within a multidisciplinary team to understand clients business, data, and requirements and developed the appropriate AI or ML solution within our proprietary AI Machine.

Shah Qamar Advertising News Agency

Admin and Finance Officer

October 2019 – February 2021

- Provided day-to-day administrative and logistics support while handling all banking transactions and monthly reconciliations.

Islamic Relief - Child and Women Development Program (CWDP)

Intern

February 2019 – August 2019

- Collected data from sponsored children, drafted field visit reports, and updated the Al-Yateem Salesforce database.
- Researched tools for assessing sponsorship impact.

Chitral Real Estate and Developers

Admin and Finance Assistant

September 2017 – January 2019

- Managed administrative functions and established an internal administrative system.

EDUCATION

University of Exeter

MSc Applied Data Science and Statistics
Graduated with Distinction

July 2023

University of London

BSc (Hons) Economics and Finance

August 2017

PROJECT

Tesla Inc. stock price prediction using Autoregressive Integrated Moving Average model (ARIMA), Dynamic Linear model, and Support Vector Regression.

CERTIFICATES & COURSES

- HackerRank Python (Basic) and SQL (Basic) Certificate award
- freeCodeCamp Machine Learning with Python Developer Certification
- SETsquared Partnership IKEEP Programme Intrapreneurial Training Award
- Generative Adversarial Networks (GANs) Specialization by DeepLearning.AI