**Ayush Pradhan**

Telephone: +44 (0)7594 184939

Email: [ayushpradhan@hotmail.co.uk](mailto:ayushpradhan@hotmail.co.uk)

**Personal Profile**

As a keen student of economics and self-driven learner, I have transitioned into the data science field, building on my undergraduate degree in financial and business economics to expand my analytical toolkit. By combining economic principles with advanced data science and machine learning techniques, I am developing models with predictive capabilities applicable to economic and financial consulting contexts. I am eager to tackle complex financial challenges and contribute meaningfully to data-driven decision-making in organizational contexts.

**Education**

King’s College London

September 2024 – Present – Currently Enrolled (End Date 2025)

* Degree: MSc Data Science
* Modules: Statistics in Finance | Statistics for Data Analysis | Computer Programming for Data Scientists | Machine Learning | Pattern Recognition, Neural Networks and Deep Learning | Big Data Technologies | Databases, data warehousing and information retrieval

Royal Holloway, University of London

September 2019 – July 2022, Hybrid

* Degree: BSc Financial and Business Economics

Grade: First Class Honours

* Relevant Modules:

Quantitative Methods | Applied Economics and Policy | International Economic Policy | Microeconomics | Macroeconomics | Corporate Finance | Financial Markets and Institutions | Industrial Economics | Financial Economics | Industrial Growth and Competition

The Data Science Course: Complete Data Science Bootcamp, Udemy

March 2024 – May 2024, Online

* Acquired working knowledge of advanced statistical methods such as K-means clustering in market segmentation applications and standardization of data
* Gained insights into areas of probability including Bayesian inference, probability distributions, and combinatorics
* Covered descriptive statistics and inferential statistical methods.

Google Data Analytics Professional Certificate

Oct 2023 – Jan 2024, Online

* Gained hands-on experience in data aggregation, cleaning, and organization with SQL and R to identify trends and relationships within data to gain meaningful insights.
* Fluency with data visualization tools in tableau and R using the ggplot2 package to communicate findings.

Harvard CS50 Introduction to Programming with Python Certificate

April 2023 – June 2023, Online

* Working knowledge of key programming fundamentals such as: variables, functions, conditionals, loops, unit tests and object-oriented programming.

**Technical Skills**

* Worked with statistical packages in R to perform regressions and determine statistical significance in Quantitative Methods.
* Proficiency and understanding of data analyses techniques by filtering, sorting, and converting data types using SQL subqueries and tidyverse packages in RStudio.
* Practical application of excel functions in conducting analysis of daily closing price of stock markets (SEMDEX, FTSE 100, Tadawul) for summary statistics
* Data presentation skills developed in corporate finance whilst compiling tables for common size and year-on-year analysis
* Ability to utilize StatsModels and scikit-learn library in Python for predictive modelling, OLS linear regressions for estimation of coefficients and logistic regressions