

Ayush Pradhan

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Personal Profile

As a keen student of economics and self-driven learner I aim to transition to postgraduate study in applied data science after having completed my undergraduate degree in financial and business economics to expand my analytical toolkit. By learning to combine economic principles with advanced data analysis skills to uncover deeper insights into socio-economic phenomena, I am eager to tackle contemporary policy challenges and contribute meaningfully to evidence-based decision making in organisational contexts.

Education

Royal Holloway, University of London

September 2019 – July 2022, Hybrid

- Degree: BSc Financial and Business Economics
Grade: First Class Honours
- Relevant Modules:
Quantitative Methods 1 and 2, Applied Economics and Policy, International Economic Policy, Intermediate Microeconomics and Macroeconomics, Corporate Finance, Financial Markets and Institutions, Industrial Economics 1 and 2, Financial Economics 1 and 2, Industrial Growth and Competition.

Google Data Analytics Professional Certificate

Oct 2023 – Jan 2024, Online

- Completed Google Career Certificate training. 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) in excel.
- Data presentation skills developed in corporate finance whilst compiling tables for common size and year-on-year analysis
- R markdown for documentation and explanatory purposes