Amandeep Singh

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EDUCATION

King's College London September 2023 - Present
Master of Science in Data Science

University of Delhi August 2018 - July 2021
Bachelor of Arts in Economics (Honors) *GPA: 7.3/10*

TECHNICAL SKILLS

Languages/Tools: SQL, Python (Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn), Tableau, Git, SPSS
Courses: Statistical methods for Economics, Macro/Microeconomics, Mathematical methods for Economics, Econometrics, Data Mining, Statistics for data analysis, Machine Learning, Big data technology, Databases, data warehousing and information retrieval

WORK EXPERIENCE

Sustainability-Data Science June 2024 - August 2024
New Motion Labs *United Kingdom*
- Conducted Product Life Cycle Assessment for ENDUO sprockets.
- Developed backend for licensing portal for New Motion Labs using SQL, Azure, etc.

Data Science Intern November 2023 - March 2024
British Airways *London, United Kingdom*
- Completed British Airways's Data Science program on Forage, leveraging Data analysis and Machine learning skills.
- Employed web scraping techniques to gather and analyze customer review data and developed a predictive model with over 85% accuracy using random forest methodology to understand consumer purchasing behavior.

Research Analyst February 2021 - June 2023
ESGAUGE - ESG Intelligence & Analytics *New Delhi, India*
- Conducted comprehensive analysis on executive compensation, CEO succession planning using data analysis techniques .
- Analyzed outstanding shares diluted and granted during IPO for SEC-listed companies

Market Research Analyst Intern July 2019 - August 2019
Kantar IMRB *New Delhi, India*
- Generated data visualizations and graphical representations to enhance the presentation of research findings.
- Assisted in preparing comprehensive analysis reports for clients.

ACADEMIC PROJECTS

Golf Winnings | github.com/Golfscript
- Utilised linear regression in R to predict the average total winning per tournament in golf.
- Demonstrated strong predictive performance, achieving a Root Mean Squared Error (RMSE) of 1.4405 on training data and 1.4470 on test data.
- Received a score of 90/100 for the research report, available at github.com/Aman1798/Research Report

Covid Data API | github.com/DataAPI
- Investigated an open data API to extract public COVID information, utilizing analytical techniques for detailed insights.
- Analyzed and visualized cumulative case evolution by area and vaccination coverage across various age groups.

ACHIEVEMENTS

Awarded King's Enterprise Award bestowed by King's Entrepreneurship Institute.

Awarded scholar badge award for excellent academic achievement (90% and above) for over 5 years in school.