

Aditya Bharath

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EDUCATION

University of California, Los Angeles <i>B.S. Statistics & Data Science + B.A. Economics</i>	Sept 2021 - Jun 2025
London School of Economics Summer School <i>Intensive Course on Machine Learning in Practice</i>	<i>Cumulative GPA: 3.8/4.0</i> Jun 2022 – Jul 2022
	<i>Grade: A-</i>

WORK EXPERIENCE

CVS Health Data Engineer New York, NY	Jul 2025 - Present
<ul style="list-style-type: none">Built automation pipelines for report monitoring tasks to support 20+ engineers on the teamSupported the migration of 10+ projects from Teradata to Google Cloud PlatformDeveloped SQL scripts to validate functioning of reports post migration, and check efficiency	
CVS Health Data Engineering Intern Hartford, CT	Jun 2024 – Aug 2024
<ul style="list-style-type: none">Created and implemented 15+ interactive dashboards for 150+ clientsImproved Tableau report performance by 19.8% through strategic optimization of marks, calculations, and extractsRedesigned and modernized dashboards in collaboration with the design team, enhancing visual appeal and functionality to meet current design trends and facilitate comprehensive data analysis	
Tata 1MG Data Science Intern New Delhi, India	Jul 2023 – Aug 2023
<ul style="list-style-type: none">Built end-to-end ML Pipeline to forecast user return in a given month with 83% accuracyDeployed Random Forest model into production via API consumed by 5+ business appsTrained, tested, and validated model results on user base of 3.2 million+ users	
MakeMyTrip Data Science Intern New Delhi, India	Aug 2022 – Sep 2022
<ul style="list-style-type: none">Developed a seasonal ARIMA time series model to forecast demand for inventory management with a model accuracy of 85%Created detailed recommendation report to assist improving Click Through Rate by almost 10%Designed Tableau dashboards tracking 15+ KPIs across sales and engagement	

INDEPENDENT PROJECTS

Bullseye Python, OpenAI, Prompt Engineering Link	Jul 2023 - Aug 2023
<ul style="list-style-type: none">Built an AI driven Chrome extension to simplify financial news interpretationProvided analysis for news with the related first and second order impacts, along with market movementPrompt engineered LLM to focus on clear, actionable interpretation of financial news and highlight process of analysis	
LLM Analytics Dashboard Python, Streamlit, OpenAI, PostgreSQL Link	July 2025
<ul style="list-style-type: none">Built an interactive LLM analytics dashboard using Streamlit to monitor and visualize OpenAI prompt logs with metrics like token usage, latency, and cost across different GPT modelsIntegrated OpenAI API with a PostgreSQL database and SQLAlchemy ORM, logging real-time prompt-response pairs, tracking usage trends, and estimating costs based on model-specific pricing.	

NBA DuoFit Python, Clustering, Data Visualization, NLP Link	Jul 2023 - Aug 2023
<ul style="list-style-type: none">Built a Python Streamlit WebApp to forecast the net rating for any user selected pair of all starsDeveloped Streamlit interface enabling users to explore 500+ player combinations interactivelyUtilized Principal Component Analysis and KMeans Clustering to develop player similarity models	

SKILLS & COURSEWORK

Relevant Coursework: Machine Learning, Regression Analysis, Causal Inference, Deep Learning, **Programming Languages:** R, Python, SQL; **Tools:** RStudio, Jupyter Notebooks, Git, PyCharm, GitHub; **Technologies:** Google Cloud Platform, Microsoft Azure, MySQL, Snowflake; **Machine Learning & Data Science:** Scikit-Learn, OpenCV, Matplotlib, NumPy, Seaborn, Plotly, NLP, Computer Vision, Clustering, Forecasting, Time Series Analysis, Classification, Regression, Ensemble Methods, AutoML, Ggplot2, Dplyr, Tidyverse, Streamlit; **Other:** Excel, Tableau;

LANGUAGES & INTERESTS

Languages: English, Hindi, French, Tamil
Interests: Golf, Basketball, Football, Travel