

Aarav Mehta

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Objective

Detail-oriented and analytical Data Science graduate with hands-on experience in Python, Excel, SQL, and data visualization tools like Tableau. Passionate about applying data-driven insights to financial services and investment analysis. Seeking to leverage my internship experience and academic background to contribute to high-impact projects at Houlihan Lokey.

Education

Bachelor of Technology in Data Science

SVKM's NMIMS University, Mumbai

2020 – 2024 | CGPA: 8.6/10

Relevant Coursework:

Statistics for Data Science, Financial Analytics, Database Systems, Machine Learning, Data Engineering, Investment Analysis

Skills

- Programming & Tools:** Python, SQL, Dataiku, Excel (PivotTables, INDEX/MATCH, VLOOKUP), Power BI, Tableau
 - Data Handling:** Data Cleaning, ETL Pipelines, Web Scraping, API Integration, Snowflake
 - Analytics:** EDA, Financial Ratio Analysis, Linear Regression, Time Series Forecasting
 - Soft Skills:** Communication, Teamwork, Documentation, Presentation
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Experience

Data Science Intern

QuantWorks Analytics Pvt. Ltd. | Remote | Jan 2024 – May 2024

- Collected and transformed financial datasets using Python and Pandas from APIs (Yahoo Finance, Alpha Vantage)
 - Built interactive dashboards in **Tableau** to visualize P/E ratios, volatility trends, and stock correlation matrices
 - Applied **pivot tables** and complex formulas in Excel to clean and aggregate financial KPIs for quarterly reporting
 - Conducted SQL queries on PostgreSQL database for slicing valuation data across sectors and geographies
 - Created a documentation template to standardize reporting practices for financial models across the team
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Data Analyst Intern

Vanguard FinTech Club | Mumbai | May 2023 – Aug 2023

- Built an Excel-based ROI tracker for portfolio valuation across multiple asset classes
 - Worked closely with senior analysts to automate valuation processes using **Python scripts and Excel Macros**
 - Cleaned and joined multiple CSV files of market data for sentiment analysis using **NLTK and Matplotlib**
 - Wrote concise reports and presentations to explain data-driven insights for weekly review meetings
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Projects

Financial Market Dashboard using Power BI

- Built an end-to-end dashboard using NSE stock data to visualize performance, volume, moving averages, and risk

- Enabled slicing by sector and time frame; shared with 30+ student analysts for investment club decision-making

Credit Risk Classifier (Python, Scikit-learn)

- Trained a classification model to predict loan default risk using customer demographics and past credit behavior
 - Achieved 87% accuracy using logistic regression with balanced class weights
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Certifications

- **Python for Data Science** – IBM via Coursera
 - **SQL for Data Analysis** – Mode Analytics
 - **Data Visualization with Tableau** – Udemy
 - **Excel for Financial Modeling** – Corporate Finance Institute (CFI)
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Achievements

- Runner-up, **DataHack 2023** – Built a machine learning model to rank undervalued stocks
- Top 5 Finalist, **FinBridge Case Competition** – Created investment pitch with valuation modeling