CURRICULUM VITAE

Personal Data

Surname, First Name:	**Dhatkar Aditee**
Address:	Karve Nagar, 411052, Pune, Maharashtra
Mobile Number:	9673270583
Date of birth:	05-Dec-1995
Email:	*aditeerohilkar05@gmail.com*
GitHub:	*https://github.com/AditeeDhatkar05*
Tableau public:	*https://public.tableau.com/app/profile/aditee.samir.dhatkar*

Summary

Aspiring Data Scientist and Data Analyst with strong mathematical background with overall 1.7 years of experience in data preprocessing, predictive modeling, and SQL. Also Experienced in Python, ML, Deep Learning techniques like neural networks, time series forecasting and visualization tool like Tableau.

Professional Experience

Apr 2023- Aug 2023 Nanded City, Pune	**Rira Software Pvt. Ltd.** **Data Science Engineer** Tools: Python, SQL Workbench, Basic Azure DevOps, Google Colabs, Breeze API, VS code. Responsibilities included-

- Data Extraction using Breeze API, data cleaning, data preprocessing, EDA, Feature Engineering
- Data Visualization and decision-making regarding stocks.
- Building trading strategies.
- Inserting newly generated data into databases using python.
- Creating engine using SQLAlchemy library, sql connector library.
- Creating webpages using wordpress (LocalWP).

Nov 2022 – Feb 2023 Baner, Pune	**Ai Variant** **Data Analyst Intern** Tools: Python, MS Excel, Tableau, SQL Responsibilities included-

- Data Understanding, Data Visualization using various tools like Excel, Tableau, SQL, PowerBI
- Excel Formulas and Visualization
- Based on visualizations and calculations, draw important insights which help company's growth.

Feb 2022 – Nov 2022 Baner, Pune	**Ai Variant** **Data Science Intern** Tools: Jupyter Notebook, Google colabs, Python, R, Spyder. Web Frameworks/ Cloud Services: Streamlit Responsibilities included-

- Created ML models using Data driven techniques, Model based methods, ARIMA model, LSTM model for forecasting future stock prices also Natural Language Processing, Random Forest, Naive Bayes, Logistic Regression for Resume Classification, Recommender Engine, etc.
- Studied Various python libraries like pandas, numpy, seaborn, matplotlib, sklearn, keras, tensorflow ,plotly,ect. Data Collection, EDA, Data Cleaning, Data Preprocessing, Model validation.
- Deployed models using web frame application streamlit. Project Presentation

Nov 2020 – Nov 2021 Asgoli, Guhagar	The Woods Resort Front Desk Executive and Computer Operator Tools: MS Excel, MS word Responsibilities included-

- Customer Daily report, Monthly report, Yearly report
- Customer management, Team collaboration, Marketing
- Monitoring day to day activities, Client interaction.

Technical skills

- **Programming Language**: Python, R, SQL
- **Machine Learning Algorithms**: Regression Analysis, Random Forest, Decision tree, SVM, Naïve bayes, Clustering (K-means, DBSCAN), Recommender engine, NLP, Time series forecasting, Data Visualization, Data Cleaning, XGBoost, PCA.
- **Deep Learning Algorithms:** ANN, CNN, LSTM, ARIMA.
- **Tools**: Anaconda, Jupyter notebook, Spyder, Mysql Workbench, Tableau public, VS code, Breeze API
- **Libraries**: Pandas, numpy, Matplotlib, seaborn, sklearn, scipy, keras, tensorflow, Breeze connect, Backtrader, SQLAlchemy, sql_connector,
- **Advance Excel:** Vlookup, Hlookup, Pivot table, index, match, macro, charts.

Soft Skills

- Presentation skill
- Fast learner

Projects

Company: Rira Software Pvt. Ltd.

1. **Title**: Market Price Analysis (04/2023 – 08/2023)

Description: Conducted a comprehensive analysis of Share Market indices, including Nifty, Bank Nifty, and VIX, to understand their interrelationships and dynamics. Leveraged AWS session keys and the Breeze connect library to extract real-time data, and utilized the Breeze API in Python to insert newly generated values into a SQL database. Developed and implemented market strategies to optimize profitability, incorporating technical analysis indicators such as Moving Averages (MA), Moving Average Convergence Divergence (MACD), Relative Strength Index (RSI), and Bollinger Bands. Utilized the Backtrader library in Python for backtesting, market analysis, data visualization, and data preprocessing. Employed a range of Machine Learning and Deep Learning algorithms to forecast market values and rigorously assessed model accuracy. Effectively harnessed Breeze WebSocket to extract essential data and seamlessly integrate it into the database using SQLAlchemy engine.

Tasks:

- Conducted an in-depth study of Share Market indices to uncover correlations and relationships.
- Extracted live data using AWS session keys and the Breeze connect library.
- Managed real-time data integration into a SQL database using Python and the Breeze API.
- Formulated and executed market strategies aimed at enhancing profitability.
- Analyzed and applied various technical analysis indicators for market insights.
- Utilized Backtrader library for backtesting, market analysis, and data visualization.
- Employed Machine Learning and Deep Learning algorithms for market forecasting.
- Ensured the accuracy and reliability of forecasting models.
- Leveraged Breeze Websocket for efficient data extraction and integration using SQLAlchemy engine.
- Technologies Used: AWS, Breeze Connect, Python, SQL, Backtrader, Machine Learning, Deep Learning, Data Visualization.
- Achievements: Successfully devised and implemented market strategies resulting in improved profit margins. Achieved high accuracy in market value forecasting through the utilization of advanced Machine Learning and Deep Learning algorithms.

Company: Ai Variant

1. **Title:** Reliance Stock Market Price Forecasting (02/2022 - 05/2022)

Tasks:

- Data collection from yfinance.
- Data Understanding, Exploratory Data Analysis: Data preparation, Visualization using plotly, matplotlib, seaborn libraries
- LSTM model, Forecasting, Model Deployment (Using Streamlit)
- Project link: https://github.com/AditeeDhatkar05/Reliance_Project

2. **Title:** Resume Classification Using NLP (05/2022 - 08/2022)

Tasks:

- Put all types of given resumes on one single csv file.
- Data Extraction using python processes like remove punctuation marks, lower the letters, Tokenization, lemmatization.
- Visualization, Model Building (Random Forest)
- Deployment using streamlit
- Project link: https://github.com/AditeeDhatkar05/Resume_Classification_using_NLP

3. **Title:** Book Recommender Engine (08/2022 - 11/2022)

   Tasks:
   - Cleaned Different datasets related to books.
   - Data preprocessing, Data Visualization and EDA, Model Building, Model Deployment using streamlit.
   - Project link: https://github.com/AditeeDhatkar05/Book-Recommender-Engine

4. **Title:** HR Analytics: Employee Retention (11/2022 – 02/2023)
   Tasks:
   - Data Understanding
   - Data Visualizations using Tableau
   - Data manipulation using Excel and SQL
   - Project link: AditeeDhatkar05/Data-Analysis-Project: HR Analytics: Employee Retention (github.com)

Education

Jun 2014 – Jul 2017 Ratnagiri, Maharashtra	Gogate - Jogalekar College (Mumbai University), Ratnagiri Bachelor of Science (Mathematics) Percentage: 75.25%
Jun 2013 – May 2014 Guhagar, Maharashtra	SDGKMV jr. College, Guhagar HSC (Computer science) Percentage: 62.95%

Certificates

Data Science Certification From ExcelR Solutions, Pune
Data Analytics Certification From ExcelR Solutions, Pune.
Machine Learning with Python- Level 1 from IBM.
IBPS Exam Training Programme From D.G. College, Satara

Languages Known

English, Hindi, Marathi