

Dhaval Tharkar

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[GitHub Profile](#) | [Tableau Public Profile](#) | [LinkedIn Profile](#)

Data Analyst

SUMMARY

Experienced in Data Collection, Data Cleaning, Data Mining, Data Analysis, and Data Visualization, with a strong foundation in Python and machine learning. I have created Python scripts using Jupyter Notebook and Python (IDLE 3.11 64 bit) to build machine learning models and developed interactive dashboards in Tableau Public. Additionally, I deployed machine learning models on CSV datasets using Flask as part of an academic project. After a career break, I am eager to restart my professional journey with renewed enthusiasm, seeking opportunities to leverage my technical skills and educational background to contribute to organizational growth and innovation.

EDUCATION

Masters Data Science and Big Data Analytics

2020-2022

B. K. Birla College of Arts, Science & Commerce

CGPA: 9.52/10

Mathematics & Statistics, Data Analytics, Data Modelling, Machine Learning Model, Natural Language Processing (NLP), Deep Learning (DL), Neural Networks, Microsoft Excel, Python, R, Tableau and Power BI, Data Visualization, IBM SPSS, Artificial Intelligence (AI).

Bachelors in Computer Science

2017-2020

Model College of Science and Commerce

CGPA: 8.53/10

Python Programming (IDLE), HTML and CSS, SQL Statistics, R Studio.

ACADEMIC PROJECT

Bike Share Prediction Using Machine Learning Model.

- In the project used various machine learning model such as Linear Regression, Decision Tree, Random Forest Regressor and AdaBoost Regressor.
- Created a Python Script, to fit a model and then used it as a pickle in app.py.
- Deployed the project with the help of Flask Library.

PERSONAL PROJECT

Used Car Price Prediction Using Machine Learning Model

- In this Project I have used the dataset of various car models and their price, I have trained a machine learning model using Linear Regression model.
- Created a Python Script, to fit a model and then used it as a pickle in app.py.
- Deployed the project with the help of Flask Library.

Atal Pension Yojana (APY) Dashboard Using Microsoft Excel

- Developed a interactive Dashboard Using Microsoft Excel to help users to calculate the monthly investment required to secure a desired pension of their choice based on their age.
- The dashboard enabled users to make informed decision on pension schemes by providing tailored investment recommendation. Integrated a tracking feature allowing users to monitor their investment progress and estimate the remaining duration to meet their target, for this VLOOKUP, Charts and Formulas has been used.

Airbnb Dashboard Using Tableau

- Cleaned and pre-processed Airbnb dataset using Python (Pandas) for data accuracy and consistency.
- Created interactive visualizations in Tableau, including bar charts, pie charts, and heatmaps to analyze key metrics such as top reviews, neighbourhood's listings, and review trends over time.
- Developed a comprehensive Tableau dashboard to provide actionable insights on room types, neighbourhood counts, and review patterns.

CAREER BREAK

From May 2022 to December 2022, I focused on enhancing my data science skills by learning machine learning concepts and applying to various companies. Despite my efforts, I realized that my resume lacked the impact needed to secure interviews. In 2023, I continued strengthening my skills, exploring computer vision, and completing a project using YOLOv5 for object detection. However, I was still unable to secure a suitable role. In early 2024, an unexpected health issue related to my eyesight required surgery and led to a recovery break, during which I couldn't work. Now, fully recovered and medically cleared, I am eager to restart my career with renewed enthusiasm, upgraded skills, and a strong desire to contribute as a Data Analyst.

Personal Details

Country:	India
Nationality:	Indian
DOB:	16 Oct, 1999
Gender:	Male
Marital Status:	Single

Languages

English	Hindi	Marathi
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Preferred Location

Remote	Mumbai	Pune	Bangalore	Chennai	Hyderabad	Coimbatore
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SKILLS

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| <ul style="list-style-type: none">• Analytics• Adaptability• Critical Thinking• Decision Making• Problem Solving• Team Work | <ul style="list-style-type: none">• Python• R• SQL• MySQL Workbench• Microsoft Excel• Tableau• IDLE• RStudio | <ul style="list-style-type: none">• Jupyter Notebook• Google Collab• Spyder• Machine Learning• Data Analysis• Data Cleaning• Data Transformation• Data Modelling | <ul style="list-style-type: none">• Pandas• NumPy• Matplotlib• KLib• Seaborn• Plotly• Flask |
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ACHIEVEMENTS & CERTIFICATES

Python 3.4.3 Training,
Issued by Spoken Tutorial Aug 2021- Oct 2021
Learn Basics of Python and its libraries such as Pandas, NumPy, Matplotlib, Sklearn. From these courses got many machine-learning and data visualization techniques.

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the mentioned particulars.

Dhaval Tharkar