

# Aditya Bet

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## PROFILE

Detailed-oriented **Data Analyst** with expertise in **SQL, Python (NumPy, Pandas, Matplotlib, Seaborn), Power BI, and Advanced Excel**. Skilled in **data cleaning, ETL, visualization, and dashboard development**, with hands-on experience optimizing SQL queries and building interactive Power BI reports. Adept at delivering **data-driven insights, KPIs, and business reporting** to support decision-making. Proven **leadership and teamwork** abilities as a **Sports Coordinator**, successfully managing college-level events and leading teams for three consecutive years.

## PROJECTS

### AI-Powered Stock Market Prediction Dashboard | Python, Streamlit, Scikit-Learn

Jan 2026 – Feb 2026

- Built an **ML-based stock price forecasting system** using **Linear Regression on time-series data**.
- Engineered **technical indicators (MA100, MA200, RSI)** to generate **automated trading signals**.
- Implemented **time-series train-test split** and evaluated performance using **R<sup>2</sup> metric**.
- Developed an **interactive real-time dashboard** delivering **trend, volatility, and predictive insights**.

### Nasdaq 100 Analysis | Power BI

Oct 2025 – Nov 2025

- Designed an **interactive Power BI dashboard** to analyze Nasdaq 100 market trends and volatility.
- Created **20+ DAX measures** including Sharpe Ratio, Volatility Index, and Moving Averages.
- Built **three dashboards**: Market Overview, Risk & Performance, and Trend Analysis.
- Added **slicers, KPIs, and dynamic visuals** for monthly and yearly performance insights.
- Delivered insights on **market risk, returns, and trend forecasting** for investors.

### Weather Forecasting Dashboard | Power BI, API

Oct 2025 – Nov 2025

- Built an **interactive Power BI dashboard** to visualize real-time and historical weather trends.
- Integrated **weather API data** for temperature, humidity, and wind analysis.
- Created **custom DAX measures** for average temperature, forecast accuracy, and trend patterns.
- Added **slicers and map visuals** for dynamic, location-based insights.

### Bank Fraud Detection | MySQL

Aug 2025 – Sep 2025

- Developed SQL logic to detect suspicious transactions, reducing manual fraud checks by **40%**.
- Used subqueries, CASE statements, and window functions to flag anomalies in large datasets.
- Generated detailed reports comparing **fraudulent vs. legitimate transactions** for risk assessment.

### Cab Booking Database System | MySQL

Jul 2025 – Aug 2025

- Designed a **relational database** with 6 interconnected tables for customers, drivers, bookings, and trips.
- Applied **key constraints (PK, FK, UNIQUE, CHECK)** to ensure high data integrity.
- Built **analytical SQL queries** to evaluate driver performance, customer behavior, and revenue trends.
- Created a **clear ER diagram** to visualize entity relationships and improve system understanding.

## TECHNICAL SKILLS

### Programming & Data Analysis:

- Python (NumPy, Pandas, Matplotlib, Seaborn)

### Database Management & Querying

- SQL (Joins, Subqueries, Window Functions, Stored Procedures, Optimization)

### Data Visualization & BI Tools

- Power BI (DAX, Power Query, Dashboard Development, Data Modeling), Excel (Advanced Formulas, Pivot Tables, Power Query, VBA, Dashboards)

### Data Handling & Reporting

- Data Cleaning, ETL Processes, Data Transformation, Business Reporting

## EDUCATION

### Bachelor in Computer Science, Pune Vidyarthi Griha's College of Science

2022 – 2025

Pune, India

### Higher Secondary Certificate,

### Bharati Vidyapeeth Yashwantrao Mohite College of Arts, Science and Commerce

2021 – 2022

Pune, India

60.00 %

### Secondary School Certificate Board, Vishwakarma Vidyalaya English Medium School

2019 – 2020

Pune, India

79.80 %

## COURSES

### Data Scientist - IT Vedant Institute

(Pursuing)

May 2025

Pune, India

## CERTIFICATES

- GenAI-Powered Data Analytics Job Simulation
- SQL Mastery (Data Analytics)
- Introduction to Data Analytics
- Data Analytics Job Simulation
- Advanced Excel Mastery (Data Analytics)
- Intern in CodSoft

## EXTRACURRICULAR ACTIVITIES

### Sports Coordinator | [Pune Vidyarthi Griha's College of Science] | 1st – 3rd Year of Graduation

- Successfully organized and managed **college-level sports events** for 3 years.
- Led and coordinated cross-functional student teams, developing **leadership, teamwork, and time-management skills**.
- Collaborated with faculty and peers to ensure smooth execution of multiple events under tight deadlines.

Apr 2025

Pune, India

## INTERESTS

### Database & Optimization

Designing schemas and writing optimized SQL queries.

### Financial Markets

Analyzing stock/forex trends using data-driven insights.

### AI & Data-Driven Strategies

Exploring automation and models for better decision-making.

### Creative Design

Photo editing and visualization for engaging data presentation.