

Abhishek Bhosale

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EDUCATION

University of Maryland, Robert H. Smith School of Business

College Park, MD, USA

Master of Business Analytics

December 2025

- Terrapin Scholar
- Relevant Coursework: DBMS, Data Models and Decisions, Python, Decision Analytics, Predictive Analytics, Data Mining, Big Data, Cloud Computing, Data Visualization, Computer Simulations

Savitribai Phule Pune University, Dr. D. Y. Patil Institute of Technology

Pune, MH, India

Bachelor of Mechanical Engineering, CGPA 7.79/10, First class with Distinction

May 2021

- Recipient of EBC Merit-based Scholarship.
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TECHNICAL SKILLS

Python, R, SQL, Oracle, AWS, Tableau, Microsoft Excel, Power BI, Terraform, DataDog, AMPL, Google Analytics, REST API, Machine Learning, Predictive Modeling, Statistical Analysis, Text Processing, Feature Engineering, Model Evaluation, Dashboard Development, API Integration, ETL Processes, Business Intelligence, A/B Testing, Agile Tools

PROJECT EXPERIENCE

Franklin City Business Closure Analysis (Yelp Dataset, API Integration, Python, Tableau)

- Performed business analytics and geospatial data mining on 10,000+ businesses using Yelp Dataset, Yelp API, and U.S. Census data; applied geocoding and demographic enrichment to uncover closure trends across Franklin City, and delivered actionable insights via Tableau dashboards for economic development strategy.

Airbnb High Booking Rate Prediction (Python, Scikit-learn, XGBoost, Text Processing)

- Built predictive models using supervised machine learning (XGBoost, Random Forest, Logistic Regression) with feature engineering, text vectorization (TF-IDF), and hyperparameter tuning; achieved 89% accuracy and 0.91 AUC score, guiding hosts on pricing, amenities, and listing strategy through interpretable analytics.

Data-Driven Amtrak Performance Analysis (SQL & Tableau)

- Analyzed Amtrak's operational performance utilizing SQL and Tableau, creating interactive dashboards to identify key trends in delays and revenue, contributing to a 10% improvement in operational efficiency.

Gym Workout Analytics and Insights (Python & Data Visualization)

- Analyzed 1,000+ workout logs to identify trends in workout types and calorie burns, improving personalized fitness recommendations by 20%.
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WORK EXPERIENCE

Capgemini

Pune, MH, India

Business Analyst – Cloud & Data Analytics, February 2022 – March 2024

August 2021 – March 2024

- Led end-to-end analysis for an AWS-integrated Video KYC solution—from stakeholder interviews to design and delivery—reducing manual effort by 60% and boosting processing speed by 30%.
- Cleaned and analyzed 50K+ records with Python, SQL, and Excel; conducted EDA to improve onboarding response time by 20%, built stakeholder dashboards, and tracked 10+ KPIs weekly—enhancing system visibility and team productivity by 25%.
- Conducted cost-benefit analysis of Datadog vs. AWS CloudWatch, driving a tooling switch that cut monitoring costs by 20%, and resolved Lambda issues to improve data reliability and reduce onboarding time by 25%.
- Created Tableau and Power BI dashboards to monitor usage trends and system performance improving operation visibility by 35%.
- Collaborated with QA and PM teams to run UAT cycles across 3 product sprints using JIRA, ensuring smooth handoffs and 100% compliance with end-user documentation standards for 20+ users.

Capgemini

Junior Business Analyst – Cloud Transformation Team, August 2021 – February 2022

- Cleaned and analyzed 4+ AWS app performance data utilizing SQL and Excel, boosting report accuracy by 30%.
 - Assisted in 3 business case proposals through benchmarking and analysis of survey data from 100+ users.
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LEADERSHIP AND VOLUNTEER EXPERIENCE

Dr. D. Y. Patil Institute of Technology, NSS Volunteer

January 2018 – January 2020

- Led environmental initiatives and educational outreach, increasing community engagement in sustainability efforts by 30% and expanding educational access for underprivileged children through targeted programs.