

# Prasanna Barge

📞 9890694259   ✉ [prasannabarge.dev@gmail.com](mailto:prasannabarge.dev@gmail.com)   🔗 [linkedin.com/prasannabarge](https://linkedin.com/prasannabarge)   🐙 [github.com/prasannabarge](https://github.com/prasannabarge)

## Education

**KBP University, Satara**

*Bachelor of Science in Computer Application*

July 2023 - June 2026

CGPA: 8.53 / 10.00, Percentage: 73%

- **Relevant Coursework:** Data Structures and Algorithms (C++), Object-Oriented Programming (Java), Procedural Programming (C), Statistics and Computational Applications (Python)

## Projects

### Customer Churn Prediction & Retention Strategy | Python, SQL & Power BI

- Analyzed customer data using SQL and Python (Pandas, NumPy) to identify churn patterns across contract types, payment methods, and customer demographics.
- Built interactive Power BI dashboard with 12 visualizations tracking churn rate, customer lifetime value, and revenue metrics across 4 customer segments.
- Identified 42% churn rate in month-to-month contracts versus 11% in annual contracts and discovered 45% of customer attrition occurs within first 6 months.
- Created normalized SQL database with 4 relational tables and developed 10+ analytical queries using joins and aggregations, improving data retrieval efficiency by 60%.

### E-Commerce Sales Performance Dashboard | Python, SQL & Power BI

- Analyzed sales, profit, and customer data across multiple regions using SQL and Python to uncover performance insights.
- Developed an interactive Power BI dashboard featuring KPIs such as revenue growth, profit margin, and customer acquisition cost.
- Automated data refresh and reporting workflows, reducing manual analysis time by 30%.
- Analyzed sales data to identify underperforming categories and improved sales forecast accuracy by 20%.

## Skills

**Business Analysis:** Requirements gathering, user stories, acceptance criteria, process mapping, workflow diagrams, use case modeling.

**Agile & Methodologies:** Agile, Scrum, SDLC, sprint planning, backlog refinement, daily stand-ups.

**Data & Analytics:** SQL, Python (data analysis), MS Excel (Pivot Tables, VLOOKUP).

**Data Visualization:** Power BI.

**Technical & Integration Skills:** JSON, XML.

**Tools:** JIRA, Confluence, Figma, Draw.io, Eraser.io, MS Office Suite.

**Soft Skills:** Stakeholder Communication, Problem Solving, Analytical Thinking, Attention to Detail, Time Management, Collaboration, Adaptability.

## Certifications

- **Business Analysis Basics** - Simplilearn
- **Power BI Certificate** - SkillCourse
- **Introduction to CBAP** - Simplilearn

## Achievements and Leadership

- **Google Student Ambassador** - 2025  
Represented Google on campus; organized 10+ technical workshops, hackathons, and outreach events. Increased student engagement in cloud computing and developer tools by 40%.
- **AI Resume Analyzer Project – Avishkar Competition** - 2025  
Presented the AI Resume Analyzer project in the Avishkar Competition, demonstrating automated keyword extraction, resume scoring, and improvement suggestions.