# Bhagyashree Vyas

**Data Analyst | IIM Nagpur Certified Data Science Professional | Open to Work Anywhere In India**

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## SUMMARY

IIM Nagpur Certified Data Science professional with a passion for data analysis, skilled in Data Visualization, MySQL, SQL, Power BI, and Python. Committed to driving data-driven decisions, with expertise in Statistical modeling, and predictive analytics. I am open to contributing to your organization's data success and making a meaningful impact.

## KEY SKILLS

• Data Analysis • Analytics • Business Statistics • Data Visualization • Predictive Analytics • Data Management • Python • Tableau • Data Modelling • Machine Learning • Deep Learning • Statistical Modeling • Prescriptive Analytics • Data Analytics • DBMS

## Tools/Technical Language

SQL | Python | Tableau | Power BI | Excel | MySQL

## EDUCATION

**IIIM Nagpur - Post Graduate Certificate Programme in Data Science for Business Excellence and Innovation**                    May '22 - Jun '23

- **Course Modules:**
  - Data Analysis using Python & SQL | Introduction to Python | Introduction to Machine Learning and AI
  - Time Series Analysis | Big Data| Decision Tree Models| Artificial Neural Networks
  - Business Consulting Using Analytics | Healthcare Analytics| Business Analysis | Data Transformation

**Bachelor of Commerce | Hislop College Nagpur**                    May '11 - May '14

## KEY PROJECTS

**Domain: FMCG/Manufacturing** | Tech Stack: Python & Machine Learning | 2023
- Objective: A winery aimed to enhance its wine quality control process through machine learning
- Solution: Developed a machine learning model to predict wine quality based on various features, improving quality assurance
- Key Achievement: Achieved an accuracy of 0.85 in predicting wine quality, enhancing the winery's quality control process

**Domain: Insurance** | Tech Stack: Python | 2023

Successfully predicted insurance costs with a 95% of accuracy, enabling the insurance company to refine its pricing strategy
- Objective: An insurance company aimed to improve its pricing strategy by accurately predicting insurance costs for policyholders
- Solution: Implemented Linear Regression model to predict insurance costs, basis factors such as age, BMI, smoking status, and region
- Key Achievement: Successfully predicted insurance costs with a 95% of accuracy, enabling the insurance company to refine its pricing strategy

**Other Projects & Dashboards:**
- Stock Price Analysis Using Python
- Titanic - EDA
- Black Friday Sales Analytics | Spend Analytics | CRM Analytics
- Super Store Sales Data Dashboard
- Netflix Subscription Analytics

## Internship Experience

- Data Science Intern at Corizo| 2023 | 2 Months | Wine Quality Prediction using Machine Learning
- Data Science Intern at MedTour Easy | 2023 - Ongoing | Analyze Death Age Difference of Right Handers with Left Handers Project
- Data Science Intern At KultureHire | Ongoing | Customer Service Data Dashboard | SQL & Power BI

## CERTIFICATIONS

- **Skill Share**| Advanced Excel Dashboarding | 2023
- **Corizo |** Internship Certificate | 2023

## PROFESSIONAL EXPERIENCE

### Axis Bank | Sales Reporting Officer - Sales MIS & Sales Analytics | Nagpur
Dec '21 - Feb '23

**Sales Data Collection and Analysis**

- Utilized various data sources to create **detailed reports and dashboards** for the sales team
- Analyzing customer sales data & creating user-friendly MIS reports to help **boost sales by 20%**

**Sales Performance Metrics**

- Developed and maintained comprehensive sales performance metrics and KPIs (Key Performance Indicators) tracking system
- Monitored and reported on sales targets, conversion rates, and revenue growth, providing a **15% boost** in team efficiency
- Enhanced over all **sales effectiveness by 25%**

**Market Research and Competitor Analysis**

- Conducted in-depth market research and competitor analysis to identify gaps and opportunities in the market
- Produced reports that helped in strategizing sales campaigns and product launches to gain a competitive edge

**Sales Data Visualization:**

- Created visually engaging **data dashboards** and reports using tools such as Microsoft Excel, Tableau, or other data visualization software

### Ravindra Mude & CO. | Accounting Associate | Nagpur
Oct '14 - Nov '21

**Data-Driven Financial Monitoring:**

- Leveraged data analysis techniques to continuously monitor and record the day-to-day financial activities of the company
- Employed Excel for data manipulation, performing **quantitative analysis** to extract valuable insights

**Financial Trend Analysis:**

- Conducted in-depth **financial analysis** by calculating key ratios and trends.
- Utilized **data visualization** tools to create charts and graphs, providing clear visual representations of financial data

**Payment Analytics -** Extracted and analyzed payment data, contributed to optimizing cash flow and financial processes