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## SUMMARY

Motivated and results-driven Data Analyst with a proven track record in data analytics, process optimization, and business intelligence. Skilled in identifying business needs, developing innovative solutions, and delivering actionable insights to drive business success. Adept at training delivery, technical writing, and stakeholder management, with hands-on experience in cloud platforms and data warehousing.

- GitHub Link : <https://github.com/Prafulbhoyar45>
- LinkedIn Link : <https://www.linkedin.com/in/prafulinayakbhoyar>
- Portfolio Link : <https://professionalportfolioprafulvinayakbhoyar.wordpress.com>

## TECHNICAL SKILLS

- **Programming Languages:** Python (Pandas, NumPy, Seaborn, Matplotlib, Sklearn, Keras, TensorFlow, Django, Flask), Scala, Basics of Cuda, ABAP from SAP
- **Database Management:** MySQL (Data Query and Manipulation), SQL
- **Machine Learning:** Supervised and Unsupervised Learning (Regression, Classification, Clustering Techniques), Ensemble Techniques (Bagging and Boosting), Statistics, Descript Mathematics
- **Deep Learning and AI:** Neural Networks, Model Deployment, LLM Deployment and the Structure handling, Transformer building, System Management
- **Cloud Platforms:** Hands-on experience with GCP Cloud Platform, Azure, AWS

### Data Visualization Tools:

- Tableau
- Microsoft Power BI
- Google Data Studio
- Microsoft Excel (VBA)

### IDEs:

- Jupyter Notebook
- MySQL Workbench
- R-Studio
- PHP
- Sublime Text Editor
- DataBricks
- Snowflake

### Web Scraping:

- BeautifulSoup
- Scrapy

### Soft Skills:

- Problem-solving and Collaboration
- Research and Strategic Planning
- Attention to Detail
- Flexibility and Active Learning
- Excellent English Communication Skills (both written and oral)
- Presentation and Facilitation Skills
- Strong Interpersonal and Customer Service Skills
- Stakeholder Management at Multiple Levels

## PROFESSIONAL EXPERIENCE

### Master Trainer, Edunet Foundation (Apr 2024 - Present)

- Designing comprehensive training modules for educators and students, focusing on advanced topics in data science, machine learning, and AI.
- Delivering engaging and effective training sessions, workshops, and seminars.
- Continuously assessing the effectiveness of training programs through feedback and performance metrics.
- Providing one-on-one mentoring and support to educators and students to enhance their learning experience and success.
- Collaborating with industry experts and educational institutions to incorporate best practices and emerging trends in training programs.
- Developing high-quality instructional materials, including presentations, tutorials, case studies, and online resources.
- Leveraging the latest educational technologies and tools to enhance the learning experience.
- Analyzing the performance of training participants and providing detailed feedback for improvement.
- Staying updated with the latest advancements in data science, AI, and educational methodologies.

### Data Science Trainer, Gujarat University Department of Animation & IT IMS (Jul 2022 - Mar 2024)

Designed and delivered tailored data science training programs for industry professionals, including data scientists, data analysts, and data engineers.

- Developed and adapted the curriculum to ensure engaging and relevant training experiences.
- Continuously evaluated the effectiveness of training programs and made necessary improvements.
- Mentored trainees to support their success and growth in their respective roles.

- Collaborated with industry experts to incorporate best practices and cutting-edge techniques in data science.
- Assessed trainees' proficiency in data science principles and tools.
- Stayed up-to-date with the latest advancements in data science technologies.
- Developed and delivered instructional materials such as lectures, tutorials, demonstrations, case studies, and other learning materials.
- Guided trainees in completing projects relevant to their training.
- Analyzed trainees' performance and provided constructive feedback for improvement.

#### **IT Engineer (Analyst), Align InfoTech (Jan 2020 - Mar 2022)**

- Researched and resolved data integrity issues, documented business rules, and developed use cases.
- Designed and implemented tools to support value chain optimization initiatives.
- Utilized advanced querying, visualization, and analytics tools to analyze complex data sets.
- Collaborated with stakeholders to develop quarterly roadmaps based on impact and effort.
- Delivered technical training and created documentation to support onboarding and product launches.
- Conducted follow-up training sessions to ensure continuous improvement in individual skills.

#### **Diploma Engineer Trainee, Mahindra and Mahindra (Oct 2018 - Nov 2019)**

- Conducted root cause analysis of vehicle systems and developed process improvements.
- Performed routine preventive maintenance and corrective actions to ensure peak performance.
- Completed dismantling and reassembly of equipment to quickly repair or replace defective components.
- Achieved 2nd place for Continuous Improvement Team at plant level competition.

### **ACADEMIC PROJECTS**

#### **1. Diabetes Patient Readmission Prediction using Machine Learning (Dec 2020 - May 2021)**

- **Objective:** Develop a model to predict patient readmissions focusing on demographic and psychographic data.
- **Approach:** Conducted extensive data research and integrated the model in real-time applications.
- **Impact:** Improved patient management and reduced healthcare expenditures.
- **Link:** [Project Details](#)

#### **2. EDA and Statistical Analysis for a Sport Company (Jun 2021 - Jul 2021)**

- **Objective:** Analyze player performance data to predict the best players for the upcoming Football World Cup.
- **Approach:** Conducted data pre-processing, EDA, and statistical tests to identify key performance indicators.
- **Impact:** Enhanced decision-making for player selection and investment in fantasy sports.
- **Link:** [Project Details](#)

#### **3. Prediction of House Sales and Prices (Sep 2021 - Nov 2021)**

- **Objective:** Build a model to predict house prices and the likelihood of a house being sold within three months.
- **Approach:** Utilized supervised learning techniques and classification algorithms on Kaggle dataset.
- **Impact:** Provided valuable insights for real estate market analysis.
- **Link:** [Project Details](#)

### **EDUCATION**

- **Perusing PhD in Computer Science**, Suresh Gynvihar University, 2023-Present.
- **Post Graduate in Computer Science**, Maharaja Agrasen Himalayan Garhwal University, 2020-2022 (64.66%)
- **Post Graduate Diploma in Data Science and Engineering**, Great Lake Institute of Management, 2020-2021 (76.66%)
- **Bachelor's in Electrical Engineering**, Priyadarshini College of Engineering, 2017-2020 (7.55 CGPA)
- **Diploma in Electrical Engineering**, KDK Polytechnic Umred, 2014-2017 (72.97%)
- **HSC in Commerce**, Ashok Jr. College Umred, 2013-2014 (56.23%)
- **SSC in General**, Ashok Vidyalaya Umred, 2011-2012 (56%)

### **CERTIFICATIONS AND ACHIEVEMENTS**

- **Machine Learning and AI Projects**
- **Multimodal NLP, GPT-4 Expectations**
- **Learn to Build Database Driven Web Applications using PHP & MySQL**
- **Data Science Non-Technical Skills Development**
- **Alteryx Bootcamp for Analytics Automation and ETL**

### **INTERESTS AND HOBBIES**

- Productive discussions over coffee
- Playing volleyball
- Community service
- Writing blogs and articles
- AI-based automation and drone technology
- Sustainable development
- Music

## OTHER ACHIEVEMENTS

- 1st rank in CSTPS CHANDRAPUR during training.
- Gold medal for best defender in intercollege volleyball championships.
- My paper on the basis of SRM motor published on IEEE website.
- I represent my department as vice president when I was pursuing 3rd year.

## INTERNSHIPS

- ML/AI Intern in 2020 during we Suffer with COVID-19-2020(2 Month).
- Core Technical proposals in Automobile Sectors and Japanese Quality tools-2020(3 Month).
- Work in Core Management (Technical Person) in Align InfoTech Pvt. Ltd. Nagpur (2019-2021).

## RESEARCH DETAILS

- Research on Devolvement of Quantum Computer.

*“Quantum-Mechanical Computers are still an extreme idea which will take us to rapid computing in practical”*

*By.PrafulVinayakBhoyar.*

## CASE STUDIES

- Create a platform that connects students with political leader MrRajubhauParve.
- Take on new business idea to improvised Photo editing Channel on YouTube.
- A person owning one standalone Pizza Shop wants to start a second Pizza Shop. Supported him with a strategy to start the second shop.
- A customer who owner a repudiated restaurant approaches asking for a business solution the customer wants to increase the revenue but doesn't want to invest to expand it in any way with available resources what recommendation will you give.
- Russia – Ukraine WarOBSERVATIONAL ANALYSIS link: [Russia – Ukraine War – Professional Portfolio: PrafulVinayakBhoyar \(wordpress.com\)](https://prafulvinayakbhoyar.wordpress.com)

## DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Place: - Surat.



(PrafulVinayakBhoyar)

Date: -