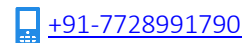
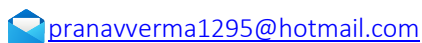


PRANAV VERMA



OVERVIEW

Versatile Data Enthusiast with 6+ years of experience in data analysis, data visualization, analytics engineering, and data science. Expertise in building optimized dashboards and data warehouses, developing machine learning models, and utilizing quality tools. Demonstrated ability to lead projects that translate complex data into actionable insights, improve efficiency, and drive business growth. Continuously updated with industry trends and emerging technologies, seeking to contribute to innovative, data-driven projects in a dynamic organization.

SKILLS

Data Analytics: Data visualization (Tableau, Power BI, Excel, Google Sheets), data modeling, data mining, data cleansing, web scraping, machine learning, statistics, quantitative analysis, advanced analysis, financial modeling.

Data Science & Version Control: Predictive Modelling, Natural Language Processing (NLP), Generative AI, Large Language Models (LLM), Git, GitHub.

Programming: Python (NumPy, SciPy, Matplotlib, Pandas, Scikit Learn, Flask), R, Ruby.

Data Engineering: SQL, Snowflake, AWS Redshift, ETL, ELT Tools (Airflow, DBT).

Cloud Platforms: AWS (EC2, S3, Lambda, Step Function, Amazon Batch), Azure.

Testing and Automation: A/B Testing, automation workflows, RPAs.

Soft Skills: Project management, organizing skills, presentation skills, critical thinking, attention to detail, analytical skills, problem-solving, collaboration skills, statistical methods, statistical analysis, flexibility, and responsibility.

WORK EXPERIENCE

Lead Data Analyst

05/2023 - Present

Emorphis Technologies

Remote

- Led the development of a data-driven finance technology compliance solution using Generative AI and Large Language Models, decreasing FINRA questionnaire processing time by 15%.
- Build an AI-powered chatbot using natural language processing (NLP) to handle customer inquiries, cutting customer response time by 30% and enhancing service efficiency.
- Spearheaded the creation of a business system to streamline the transition process for financial advisors, reducing onboarding time by 20% and improving stakeholder satisfaction.
- Achieved successful data migration for multiple acquired clients, utilizing robust data validation, test cases, and quality control checks to reduce system downtime from 6 to under 2 hours, ensuring seamless integration.
- Led a cross-functional team of 4 to build a data warehouse from scratch, enhancing data manipulation and data integration, and completing the first phase on time and within budget to improve accessibility.
- Pioneered the development of Power BI dashboards for revenue, client acquisition, and project budgets, empowering data-driven decision-making and improving project efficiency by 15%.

Senior Data Analyst

10/2021 - 04/2023

Reddoorz

Noida, India

- Collaborated with the data science team to develop a predictive model for property recommendations, achieving an 85% accuracy rate and increasing occupancy by 12%.
- Initiated and built a unified employee data platform in partnership with HR, boosting non-IT department performance by 6% through improved data accessibility and workflow process.
- Led the creation of centralized Tableau datasets, improving information flow, data access, and productivity by 20% across multiple teams.

- Devised advanced churn prediction algorithms and implemented recommendation systems, increasing user retention accuracy to over 90%.
- Designed a self-served reporting tool that enabled self-service analytics across departments, reducing turnaround time for data requests by 12%.
- Partnered with business stakeholders to identify property performance using visual representation, acquiring 5% more high-performing properties and churn underperformed properties.

Analytics Engineer

Reddoorz

01/2021 - 09/2021

Noida, India

- Implemented a technological solution with an automated reporting tool that delivered key performance indicators, improving data governance and enabling faster, data-driven decisions, reducing decision-making time by 15%.
- Extracted and analyzed data to identify key factors influencing property retention, implementing targeted interventions that improved retention rates by 3%.
- Developed an automated workflow for data validation using DBT, improving the reliability and accuracy of data testing by 40%.
- Planned and implemented a process improvement scalable ETL pipeline using Meltano, DBT, and Airflow, reducing data access time by 50% for analytics and data science teams.
- Established a data quality monitoring framework, enhancing data accuracy and completeness across systems, which led to a 25% improvement in data reliability.

Backend Developer at VTOR LABS

Freelancing

08/2020 - 11/2020

Galway, Ireland

- Developed and maintained RESTful APIs to meet business requirements, enhancing data management and application testing while improving overall system performance by 5 seconds.
- Conducted in-depth performance tuning and optimize complex queries, reducing response times and improving the overall efficiency of backend services.

Data Researcher

Freelancing

06/2019 - 06/2020

Galway, Ireland

- Implemented predictive analytics to demonstrate the winning percentage of a team in upcoming football matches, achieving an 80% accuracy and enhancing accounting processes.
- Developed machine learning algorithms to evaluate the effectiveness of research experiments. Identified the optimal algorithms for various scenarios by checking their accuracy, and maximizing the value of research data.

Full Stack Developer

Ongraph Technologies Pvt. Ltd.

01/2017 - 05/2018

Jaipur, India

- Interpreted user activity data using SQL queries to identify website performance bottlenecks. Developed strategies and orchestrated these strategies, resulting in a 7.5% increase in e-commerce website sales.
- Conducted process analysis to implement microservices architecture for scalable and maintainable web applications, improving deployment flexibility and system robustness

EDUCATION

National University of Ireland

Masters in Computer Science Data Analysis

Galway, Ireland

2018 – 2019

Manipal University

Btech in Information Technologies

Jaipur, India

2013 – 2017

RESEARCH PAPERS

- | | |
|--|------------|
| • <u>Tamil Memes Classification Dataset</u> | ICACCS2020 |
| • <u>Unsupervised Methods to Analyse EPL Football Team Playing Style</u> | LREC2020 |

COURSEWORK

- | | |
|--|---------|
| • Product Management AI & Data Science from 365 data science | 11/2024 |
| • Introduction to Vector Databases with Pinecone from 365 data science | 11/2024 |
| • ChatGPT for Data Science from 365 data science | 11/2024 |
| • Soft skills for data analytics manager from 365 data science | 12/2023 |
| • Data analysis with ChatGPT from 365 data science | 12/2023 |
| • Power BI with ChatGPT from 365 data science | 11/2023 |
| • Intro to ChatGPT and Gen AI from 365 data science | 11/2023 |
| • Google Analytics for Beginners from Google | 05/2020 |
| • R & Python for Data Analytics from Datacamp | 10/2018 |