PRANAV VERMA

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OVERVIEW

- Versatile Data Enthusiasm with 5.5+ years of experience in data visualization, data analytics, data science, and leading the team.
- Experience with building beautiful and optimized dashboards, creating DWH from scratch, and developing ML models. Excel at translating large complex data into actionable results for business growth.
- Skilled at utilizing advanced analytics, automation, and machine learning to solve problems, streamline processes, drive strategic decisions, and improve data analysis efficiency.
- Stay updated with industry trends, best practices, and emerging technologies in the data field and adapt them in workflow for continuous improvement.

SKILLS

DATA ANALYTICS: Data visualization (Tableau, Power BI, Excel, Google sheet), data modeling data mining, data cleansing, web scraping, machine learning, statistics, Quantitative analysis, Funnel analysis, Financial modeling, Time Series Forecasting, Classification Algorithms, Regression, word, PowerPoint, Google Analytics, Looker Studio.

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

OTHERS: SQL, Snowflake, Amazon Redshift, ETL, ELT Tools (Airflow, DBT), Cloud Platforms (AWS, EC2, S3, Lambda, Step Function and Amazon Batch) Generative AI, LLM (Large Language Models), Git, GitHub, A/B Testing.

SOFT SKILLS: Project management, problem-solving, presentation skills, writing skills, communications skills, interpersonal skills, critical thinking, analytical mindset, statistical thinking, flexibility, and responsibility.

PROFESSIONAL EXPERIENCE

EMORPHIS TECHNOLOGIES (CLIENT: INSIGNEO)   REMOTE
Lead Analyst   05/2023-Present

- Building robust solutions leveraging Generative AI and Large Language Models to develop a data-driven solution for the FINRA, risk, and compliance team questionnaires which will reduce the time of the team by 15%.
- Spearheaded the design and implementation of streamlined business insights. Ensuring smooth transitions of financial advisors, RIA, and FRIAs which reduces onboarding time by 20%.
- Achieved successful data migration for multiple acquired clients, ensuring data quality checks, data validation, and monitoring the process while minimizing downtime from 6 hours to less than 2 hours.
- Led a team of 4 members for the development of a data warehouse from scratch, fostering cross-functional collaboration and finishing 1st phase on time and within budget, showcasing strong leadership and project management skills.
- Pioneered the development of dashboards in Power BI (revenue, client acquisition, and project annual budget) empowering data-driven decision-making and achieving a 15% improvement in project efficiency.

REDDOORZ   NOIDA, INDIA
Senior Data Analyst   10/2021-04/2023

- Developed a statistics data model with the data science team for a property recommendations system achieving an accuracy rate exceeding 85% and leading to more than a 12% increase in occupancy.
- Proposed and developed the unified employee data platform in collaboration with HR, improving non-IT departments (BD, PM, Corporate) performance by 6%.
- Led the creation of a centralized Tableau complex datasets, streamlining data access and boosting team productivity by 20%.
- Designed self-served reports, enabling self-service analytics across departments, resulting in a 12% reduction in turnaround time for data requests.
- Implemented advanced churn prediction algorithms and offered suggestion systems for user retention, achieving an accuracy rate greater than 90%.
- Partnered with business stakeholders to identify property performance. Driving a 5% increase in acquiring better properties and slacking low-performance properties to increase profit.

Analytics Engineer   01/2021-09/2021

- Performed data validations, and established automation workflow for testing protocols compatible with DBT tests.
- Extracted meaningful insights and trends from data to identify key factors impacting property retention, implemented targeted interventions, and achieved a 3% increase in property retention rate
- Developed a scalable ETL pipeline utilizing Meltano, DBT, and Airflow, consolidating data from disparate sources and improving data access time for analytics and data science teams by 50%
- Conducted root cause analysis to measure the impact of new features, ensure accuracy, and optimize user experience by monitoring logs.
- Proposed and implemented the development of an automated daily reporting system delivering key performance indicators (KPIs) and performance metrics such as revenue, MIB, and other critical metrics to leadership and strategy teams, enabling them to make data-driven decisions faster.

FREELANCING   GALWAY, IRELAND
Backend Developer at VTOR LABS   08/2020-11/2020

- Conducted root cause analysis, identified patterns, and proposed solutions to enhance application performance by 5 seconds.
- Integrated key functionalities, such as order tracking, Amazon SES Email, mobile notification, In-App notification, and SMS to enhance the overall user experience.

Data Researcher   06/2019-06/2020

- Constructed a comprehensive large memes dataset using web scraping. Established rigorous quality checks to ensure data accuracy and reliability.
- Implemented predictive analytics to identify the winning percentage of a team in upcoming football matches with an accuracy of 80%.
- 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.

ONGRAPH TECHNOLOGIES PVT. LTD.   JAIPUR, INDIA
Full Stack Developer   01/2017-05/2018

- Interpreted user activity data to identify website performance bottlenecks. Developed strategies and orchestrated these strategies, resulting in a 7.5% increase in e-commerce website sales.
- Optimized website load times by 6 seconds and performance through code refactoring and bug resolution. This ensured a smooth user experience for high-traffic e-commerce traffic.

EDUCATION

NATIONAL UNIVERSITY OF IRELAND   GALWAY, IRELAND
Masters in Computer Science Data Analytics   2018-2019

MANIPAL UNIVERSITY   JAIPUR, INDIA
B. Tech Information Technologies   2013-2017

RESEARCH PAPERS

- [Tamil Memes Classification Dataset](#)   ICACCS2020
- [Unsupervised Methods to Analyse EPL Football Team Playing Style](#) LREC2020

COURSEWORK

- 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
- R for Data Analytics from Datacamp   10/2018
- Python for Data Analytics from Datacamp   08/2018