Pragati Prashant Ingole, Data Analyst

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https://www.linkedin.com/in/pragatiingole/ | Github | Portfolio

Passionate and detail-oriented communicator with **3 years of experience** working across cross-functional teams. Skilled data analyst leveraging analytics tools to deliver insights. Proven adaptability and quick learning of new technologies for continuous improvement. **Seeking full-time opportunities and ready to relocate all**

PROFESSIONAL EXPERIENCE

Graduate Data Analyst of IT Department   *September 2023 – May 2024*
California State University, Fullerton, CA
- Developed KPIs, evaluated performance, and created comprehensive Power BI dashboards.
- Utilized Agile principles, including SCRUM methodology, **increasing decision-making speed by 15%.**
- Developed churn KPIs for inventory supplies using complex SQL codes, window functions, enhancing customer retention, **reducing response time by 2 hours**, and boosting CRM efficiency by 20%.

Graduate Machine Learning Research Analyst   *July 2023 - September 2023*
California State University, Fullerton, CA
- Advanced a high-accuracy data collection system with SPSS, designing data entry interfaces, validation checks, outlier removal, and data cleaning processes to **handle over 50,000 student records, achieving a high accuracy rate.**
- Employed data modeling techniques, including STAR schema and snowflake schema, to structure data efficiently.
- Leveraged machine learning (decision trees, regression, clustering, classification) to analyze user behavior, define KPIs, optimize features, and **reduce decision time by 150 hours**, identifying over 1,000 customer pain points and presenting insights via Power BI.

Consultant- Data Engineering   *April 2022 - August 2022*
Bristlecone Pvt Ltd, Pune, India
- Collaborated with cross-functional teams to deliver a $50M project by translating business needs into automated ETL pipelines using Informatica Power Center, **reducing loan processing time from 40 days to one week**.
- Utilized Excel and SQL Window function and deployed quality PL/SQL codes using stored procedures, views, functions, window & functions.
- Loaded data from EDW into SALESFORCE through Informatica and validated data in nCino application of Salesforce.
- Demonstrated leadership qualities with peers and applied managing up principles, automating Informatica jobs using UNIX Shell Script and CRON, **resulting in a 40% reduction in manual resources**.
- Involved in projects utilizing big data technologies (Hive, Sqoop, and Python) and cloud technologies (Redshift, S3).
- Developed, maintained interactive dashboards and KPIs using PowerBI DAX, resulting in automated processes with enhanced data accuracy.

Data Analyst   *October 2021 – March 2022*
Dataeaze pvt ltd Pune, India
- Led real-time data analysis, ad hoc analysis, and business insights at every decision point during the implementation of a future-ready ERP SAS system, **resulting in a 35% increase in decision-making speed and $30k in savings**.
- Conducted data analysis using Excel, SQL (complex queries, data aggregation), Python (Pandas, NumPy, data visualization) to identify customer behavior trends, retaining 1,000 additional customers & increasing revenue by $50k.

EDUCATION

Master of Science, Information Systems (Business Analytics)   *May 2024*
California State University Fullerton, California, USA
Bachelor of Engineering (Electronics and Telecommunications)   *July 2021*
University of Pune, India

SKILLS

Languages & libraries: Python (NumPy, Pandas, Matplotlib, Seaborn), R (ggplot2, shiny), C, C++, HTML, CSS.
Databases: MSSQL Server, MySQL, SAS, Hadoop.
ETL Development Tools: Informatica PowerCenter, Talend, Oracle Data Integrator, SSIS.
Analytics Tools: Google Analytics, Adobe Analytics, Advanced MS Excel, Alteryx
ETL Reporting Tools: Tableau, PowerBI, SSRS
Big data/Cloud Technologies: Snowflake Datawarehouse, Azure Cloud, Amazon Redshift, Spark SQL
Certification: Google Data Analytics Professional Certificate

ACADEMIC PROJECTS

Diabetes Health Indicators Analytics [Business Intelligence Tools- Tableau, Python]   *May 2024*
- Analyzed 253,680 health records, **revealing a 15% lower diabetes risk** with increased physical activity.
- Developed machine learning logistic regression and decision tree models (95% accuracy) identifying high blood pressure, cholesterol, and BMI as critical risk factors.
- Created dashboard to visualize (box plots, correlation matrix, scatter plot) the impact of parameters on diabetic health.

Market Analysis and Profitability: Business Intelligence Solutions [ETL, Snowflake]   *July 2023*
- Conceptualized fact table and dimensions are required to make the data warehouse ready to answer any data analysis questions. Designed a data warehouse with **Snowflake** one fact table and four-dimensional tables.
- Developed ELT pipelines for log tables, loading historical data (Day 0) and incremental data (Day N) into the data lake.