

PRADEESH J

Data Analyst | Business Intelligence Specialist

Phone: +91 8281908809 | Email: pradeeshjp7@gmail.com

LinkedIn: [linkedin.com/in/j-pradeesh5](https://www.linkedin.com/in/j-pradeesh5)

Website: www.thedatawizard.in

Professional Summary

Results-driven Data Analyst with 3+ years of experience transforming complex datasets into actionable business intelligence for global stakeholders. Expert in SQL query optimization, Python automation, and Power BI dashboard development. Proven track record automating end-to-end reporting pipelines and delivering data-driven insights to 100+ stakeholders across UK, US, and India. MBA graduate with strong technical foundation in ETL development, statistical analysis, cloud data warehousing, and machine learning.

Technical Skills

Data Analysis & Business Intelligence: Microsoft Power BI, SQL Server, Tableau, Excel, IBM SPSS, Data Visualization, Dashboard Development

Programming Languages: SQL (T-SQL, Advanced), Python (Pandas, NumPy, SQLAlchemy, Openpyxl), DAX, R

Web Technologies: HTML, CSS, JavaScript

Data Engineering & Management: ETL Development, Data Modeling, Query Optimization, Database Analysis, Data Cleaning, Data Validation, Data Quality Assurance

Cloud & Infrastructure: AWS Redshift, Microsoft SharePoint, Cloud Data Warehousing

Advanced Analytics: Statistical Analysis, Predictive Modeling, Machine Learning, A/B Testing, Exploratory Data Analysis (EDA), Hypothesis Testing, Trend Analysis

Tools & Methodologies: Git, GitHub, Agile, API Integration, Report Automation

Core Competencies: Business Intelligence, Data-Driven Decision Making, Stakeholder Management, Cross-Functional Collaboration, Problem-Solving

Professional Experience

Data Analyst

Alamy Images | Thiruvananthapuram, Kerala, India | | July 2023 - Present

- Optimized SQL scripts reducing query processing time by 93% through advanced performance tuning, indexing strategies, and code optimization techniques
- Designed and developed interactive Power BI dashboards (DAX, Power Query) providing real-time business insights and KPI tracking to 100+ global stakeholders across UK, US, and India
- Automated weekly and monthly reporting processes by developing SQL-to-SharePoint-to-Power BI integration pipeline, eliminating manual Excel workflows and reducing report generation time by 95%
- Created Python automation scripts (Pandas, Openpyxl, SQLAlchemy) to extract, clean, and transform database data, reducing report generation time from 45 minutes to under 2 minutes

- Conducted statistical analysis and exploratory data analysis (EDA) using SQL and Python to identify trends and patterns in datasets supporting data-driven decision-making
- Collaborated with cross-functional teams on deep-dive analyses, hypothesis testing, and A/B testing to measure business impact and validate key metrics changes
- Established end-to-end automated reporting pipeline integrating AWS Redshift, SharePoint, and Power BI, ensuring seamless, error-free delivery of business intelligence reports
- Built comprehensive Data Discovery Platform enabling 80% faster data navigation across Enterprise Data Warehouse, improving team productivity and data accessibility

Intern

Muthoot Fincorp | Thiruvananthapuram, Kerala, India | April 2023 - June 2023

- Conducted statistical analysis of HRIS implementation using IBM SPSS and Excel, evaluating feedback from 200+ employees to measure adoption metrics and system effectiveness
- Developed Standard Operating Procedures to enhance HR data management practices, improving data accuracy by 25% and reducing data entry errors
- Created employee retention and exit analysis reports supporting HR strategic initiatives, identifying 15% improvement opportunities in retention strategies
- Streamlined HR processes by implementing analytical solutions to resolve data discrepancies

Certifications

- Generative AI Fundamentals | Databricks
- Microsoft Power BI Desktop for Business Intelligence | Maven Analytics
- Python for Data Science and Machine Learning Bootcamp | Pierian Training
- SQL for Data Analysis: Advanced SQL Querying Techniques | Maven Analytics
- Data Modelling in Power BI | Microsoft
- Extract, Transform and Load Data in Power BI | Microsoft
- Data Science and Analytics with R | ICT Academy of Kerala
- Microsoft Office Specialist

Education

Master of Business Administration (MBA)

Dr. APJ Abdul Kalam Technological University | Kerala, India | 2021 - 2023

Bachelor of Commerce (B.Com)

University of Kerala | Kerala, India | 2018 - 2021

Projects

Data Discovery Platform

Technologies: Python, Pandas, SQLAlchemy, JavaScript, HTML5, SQL, AWS Redshift

- Built comprehensive internal data platform modernizing Enterprise Data Warehouse navigation for analytics team

- Developed automated Python pipeline (SQLAlchemy, Pandas) extracting live schema metadata from AWS Redshift and normalizing into JSON format
- Created browser-based search engine enabling instant field location queries across entire data stack
- Impact: Reduced data discovery time by 80%, significantly improving team velocity and productivity

End-to-End Reporting Automation

Technologies: SQL, Microsoft Power BI, Microsoft SharePoint, DAX

- Automated multiple manual Excel reports by developing SQL extraction scripts and storing CSV files in SharePoint
- Integrated SharePoint data with Power BI to build interactive dashboards for visualization and KPI tracking
- Impact: Saved 16+ hours monthly, eliminated manual report creation, and improved accuracy by 100%

SQL Script Optimization and Automated Reporting Pipeline

Technologies: SQL, Microsoft SharePoint, Python, Openpyxl

- Redesigned complex SQL scripts achieving 93% performance improvement through query optimization and indexing
- Established end-to-end automated workflow ensuring error-free delivery of business intelligence reports, increasing operational efficiency by 40%

HRIS Adoption Analysis

Technologies: Microsoft Excel, IBM SPSS

- Conducted data-driven HRIS analysis using IBM SPSS and Excel, evaluating feedback from 200+ employees to identify improvement areas and produce recommendations that improved adoption by 25%

Personal Portfolio Website

Technologies: HTML5, CSS3, JavaScript

- Developed fully responsive portfolio website showcasing data analytics projects using HTML5, CSS3, and JavaScript with modern styling and interactive features

Key Achievements

- Awarded "Awesome Alamite" (Q4 2025) for exceptional contributions driving organizational growth
- Automated reporting processes achieving 93% reduction in processing time, saving 16+ hours monthly
- Built Power BI dashboards enabling real-time insights for 100+ global stakeholders