Randeep Pulikkaparambil Raghunathan
Data Analyst

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Professional Summary

I'm a data analyst with over four years of experience working with SQL, Python, and Power BI. I recently completed my Master's degree in Microdata Analysis (Business Intelligence) in Sweden, where I deepened my skills in data analytics, statistical modeling, and business intelligence tools. I'm now looking to apply what I've learned to help organizations make smarter, data-driven decisions in a dynamic and fast-paced environment.

Professional Experience

Assistant Professor Holy Grace Academy of Engineering, India   2023 – 2024

- Delivered lectures and hands-on sessions in Computer Science/Data Science.
- Mentored students on research and academic projects.
- Contributed to curriculum development aligned with tech trends.

Software Engineer & Data Analyst Facts Computer Software House, Dubai   2017 - 2022
- Led ERP projects with a focus on data integration and reporting.
- Migrated legacy systems to SQL Server with optimized data structures.
- Designed SSIS/ETL processes and SSRS reports for KPI delivery.
- Created SQL queries, stored procedures, and contributed to data warehousing.

Projects

Sales Performance Dashboard – Power BI
Tools: Power BI, DAX, SQL Server

- Developed an interactive dashboard analyzing sales data by time, region, and category.
- Connected Power BI to SQL Server using DAX measures, slicers, and filters.
- Delivered .pbix and PDF-based visual reports.

Air Pollution Regulation Impact Analysis – Python/XGBoost
Tools: Python, XGBoost, Pandas, Matplotlib

- Master's thesis analyzing the effect of Ecuadorian fuel/traffic policies on $PM2.5$, SO_2, NO_2, and CO across   5 cities.
- Built ML models and used DiD analysis to quantify impact.

Sales Data Warehouse & ETL Pipeline – SQL Server
Tools: SQL Server, SSIS, SSAS, SSRS

- Built a sales-focused data warehouse with star schema.
- Designed SSIS pipelines, SSAS cubes, and SSRS reports to streamline performance tracking.

Technical Skills

- Database: SQL Server, T-SQL, Stored Procedures
- Languages/Tools: Python, R, C#, .NET, Git, Visual Studio, Power BI
- ETL/BI Tools: SSIS, SSAS, SSRS, Data Warehousing, Data Modeling
- Soft Skills: Supportive, team-oriented, responsible, curious

Education

Master's in Microdata Analysis (Business Intelligence) – Dalarna University, Sweden
Sep 2024 – Jun 2025

ME in Computer Science (Software Engineering) – Anna University, India
Aug 2014 – Jun 2016

Languages

- English (Fluent)
- Swedish (Beginner)

References

Available upon request.