

# Manoj Ram Mopati

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<https://manojram7.github.io/RamMopatisPortfolio/>

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## Profile

Creative and solution-oriented data scientist with hands-on experience in data manipulation, statistical analysis, and drawing insights. Experienced in sql analysis and building interactive dashboards and insights for consumer products. Pursuing Master's in Data Science to deepen my expertise. Experienced in several freelance, end-to-end data science projects that strengthened my practical and technical skills. Currently seeking internship opportunities where I can apply my technical foundation, contribute meaningfully to data initiatives, and continue learning in a collaborative environment. A team player with excellent written and verbal communication skills. I am seeking an opportunity to showcase my abilities in a growing company. I am focused, adaptable, and a flexible self-starter who works independently and responds quickly to the changing needs of the organization.

## Professional Experience

**SOFTWARE QUALITY ENGINEER | THE INFOSYS LTD | FEBRUARY 2022 – MAY 2025**

**Client Role - Data Analyst | External Insurance Project | August 2023 – MAY 202**

- Analyzed large data using Oracle SQL Developer, writing complex queries to extract, clean, and transform project-related data for business reporting.
- Applied knowledge of exploratory analysis and statistical analysis to note trends and draw conclusions.
- Utilized Azure Databricks for data processing and analysis, leveraging its capabilities to handle large datasets efficiently.
- Developed Pyspark scripts for data manipulation and analysis, enhancing the efficiency of data processing tasks.
- Designed and developed interactive dashboards in Power BI to visualize KPIs such as policy performance as per the region, enabling strategic decisions by stakeholders.
- Developed and delivered data solutions using SQL and PowerBI that meet stakeholder needs, while seeking opportunities to improve data insight.
- Experienced in writing complex SQL queries for data cleansing and data manipulation tasks for performing analysis on large datasets.
- Reviewing the reporting methods and processes, maximizing the opportunity to automate wherever possible.
- Collaborated with cross-functional teams including Business Analysts, and Project Managers, Scrum Team Leads to gather requirements, develop insights, and present findings in weekly business reviews.
- Worked with Azure DevOps for task tracking, sprint planning and collaborating on analytics workflows within Scum teams.

**Client Role - Regression Tester | External Insurance Project | February 2022 – July 2023**

- Developed test scripts in FLAU-UI using Selenium C# and - Cucumber BDD, improving test reliability.
- Designed and executed Test Cases for both Manual and Automated Testing, ensuring smooth weekly deployments.
- Collaborated in Agile/Scrum teams, providing inputs during sprint planning and retrospectives
- Experienced in writing complex SQL queries and worked extensively with Oracle SQL Developer to collect the data.
- Managed bug reporting in ServiceNow, creating clear documentation to accelerate issue resolution.
- Used Azure DevOps for CI/CD pipeline management, Test Plans, Sprint Planning, bug tracking.

## **Skills**

**Programming Languages:** Python, PySpark, SQL

**Data visualization:** Power BI, Microsoft Excel, including pivot tables, v- lookups, macros.

**Machine Learning:** KNN, Logistic Regression, Linear Regression, Decision Trees, Naïve Bayes, Random Forest, GBDT, statistical modeling, Timeseries, GLM, Clustering (Hierarchical, K Means)

**Cloud platforms:** Azure Cloud Platform, AWS Cloud, SageMaker, CodeBuild, CodeDeploy, CodePipeline, Docker Containers

**Soft Skills:** Articulate Oral and Written Communication, Multi-tasking in fast-paced Environments, Analytical Abilities, Problem Resolution, and Decision-Making, Strong collaboration skills.

**Other Skills/Tools:** GitHub, Google Colab, Anaconda, Jupyter Notebooks, Visual Studio, Classification, Machine Learning Models, Deep learning Models, agile, version control, experiment tracking, code review, NLP, A/B testing, Analytics, Databricks, MLOps

## **Education**

- Master of Science in Data Science | May 2025 - Present | (1:1 Honours)  
Coventry University – Coventry, United Kingdom.  
Modules: Machine learning, BigData Analytics and Data Visualization, Programming for Data Science, Data Management Systems, Principles of Data Science, Probability & Statistics, Neural Networks.
- Bachelor of Technology in Mechanical Engineering | July 2017 - June 2021 | 63.78% (1:1 Honours)  
Jawaharlal Nehru Technological University - Anantapur, Andhra Pradesh, India.