MANJUSHA K

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linkedin

EDUCATION

Master of Science in Big Data Analytics **Jul 2024 - Apr 2026**
St Joseph's University

Bachelor of Science in Statistics and Mathematics **Aug 2021 - Apr 2024**
Mount Carmel College

PROJECTS

Electrifying Bengaluru – EV Adoption & Pollution Reduction **Apr 2025**

Role: Data Analyst | Tools: Excel, Python (Pandas, Matplotlib)

- Analyzed EV adoption, vehicle counts, and pollution data (2018–2024) in Bengaluru.
- Identified links between rising EV usage and declining emissions.
- Developed time series models to forecast pollution and EV impact through 2035.
- Delivered insights to support policy and infrastructure planning.

Analyzing Financial Expenditure on Climate Change **Oct 2024**

Role: Data Analyst | Tools: Excel, Python (Pandas, Seaborn)

- Analyzed government spending on monsoon-triggered landslides in India (2015–2023).
- Correlated rainfall, landslide volume, and damage area with relief and reconstruction costs. Used regression to forecast future expenditure and impacts.
- Proposed mitigation strategies and presented case studies (e.g., Wayanad, Mullaperiyar Dam).

SKILLS

- **Technical Skills:** Python, SQL, R, Statistical Modelling, Data Analytics, Business Intelligence (BI), Cloud
- **Languages:** English, Malayalam, Kannada, Hindi
- **Certifications:** Goldman Sachs Excel Skills for Business Job Simulation on Forage, Google Analytics on Great Learning
- **Activities:** Head of Media & Marketing Committee for Datagram 7.0 at St. Joseph's University, Core team member of ReelRun Association and Mathematics Association at Mount Carmel College.

STRENGTHS

- **Analytical Thinking:** Applied data analysis and forecasting in real-world projects like EV adoption and climate expenditure.
- **Effective Communication:** Presented complex insights clearly through visualizations and reports.
- **Team Collaboration:** Worked effectively in team-based projects with organized data handling.
- **Problem-Solving:** Used statistical methods to draw actionable conclusions from multi-year datasets.