

MUNISWARAN L

DATA ANALYST

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EXECUTIVE SUMMARY

Entry-level Data Analyst with proven experience in data cleaning, ETL, transformation, and KPI analysis using SQL, Python, Power BI, and Tableau. Skilled in automating reports, creating interactive dashboards, and performing exploratory data analysis (EDA) on large datasets. Delivered insights that improved reporting efficiency by 40% and reduced manual work by 5+ hours weekly. Committed to solving business problems through clear, data-driven insights in collaborative, fast-paced environments.

TECHNICAL SKILLS

- Languages & Libraries:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL
- Databases:** MySQL, PostgreSQL
- Visualization Tools:** Power BI, Tableau, Excel (Pivot Tables, VLOOKUP, Charts)
- Other Tools:** Git, Jupyter Notebook, VS Code
- Soft Skills:** Data storytelling, Communication, Team collaboration, Forecasting, A/B Testing

PROFESSIONAL EXPERIENCE

- Data Analytics Intern - NoviTech** April 2025 – June 2025
- Gained hands-on experience analyzing real-world business datasets to support decision-making and performance tracking.
 - Designed and implemented interactive dashboards using Power BI and Tableau, improving reporting speed and stakeholder visibility by 40%.
 - Utilized SQL and Python (Pandas) to clean, manipulate, and transform over 5,000 rows of raw data for analysis.
 - Streamlined repetitive reporting processes through automation, saving the team over 5 hours per week.
 - Partnered with cross-functional teams to interpret business needs and deliver actionable insights through visual and statistical analysis.

PROJECTS

- Car Pooling System - GitHub** Jan 2025 – Apr 2025
- Developed a full-stack ride-sharing web application using React.js, PHP, and MySQL, enabling users to list and book rides based on real-time location data.
 - Integrated user login authentication, implemented real-time ride-matching logic, and automated database updates to ensure accurate and efficient ride bookings.
 - Reduced individual travel instances by 30%, promoting efficient transportation and resource sharing.
- Interactive Business Dashboard** Feb 2025 – Mar 2025
- Created executive-level dashboards in Power BI and Tableau to visualize KPIs from over 10,000 real-world sales records.
 - Applied complex SQL queries to clean, preprocess, and analyze datasets for trend identification and performance evaluation.
 - Automated recurring reporting tasks, enhancing workflow efficiency and saving 5+ hours weekly through advanced data visualization techniques.
- Hospital Management System** Mar 2024 – June 2024
- Built a web-based hospital information system using PHP, MySQL, HTML, and CSS to handle patient data, appointments, billing, and inventory management.
 - Enhanced system performance by 50% through optimized database structure and refined SQL query execution.
 - Ensured secure and efficient record-keeping with a user-friendly interface for medical staff and administrators.

EDUCATION

- Master Of Computer Applications - CGPA: 7.7** Aug 2023 - Sep 2025
- Dayananda Sagar College of Arts, Science and Commerce - Bengaluru
- Bachelor Of Computer Application - CGPA: 7.4** Aug 2020 - May 2023
- AVS College Of Arts and Science - Tamilnadu
- Maths - Biology - CGPA: 7.8** June 2019 - Mar 2020
- Anna Arivagam Hr Sec School - Tamilnadu

ACHIEVEMENTS AND CERTIFICATIONS

- Data Analytics** NoviTech, Apr 2025. Certificate
- Power BI Workshop** Tech Tip 24, Apr 2025. Certificate
- Data Processing and Visualization Accenture** Future Skills, Apr 2025. Certificate
- Python** DataMites, Sep 2023. Certificate
- Advanced Google Analytics** Nov 2024. Certificate

LANGUAGES

- Tamil
- English
- Kannada