

# JAHNAVI MANDADI

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## SUMMARY OF QUALIFICATIONS

Experienced Data Analyst with over 3 years of expertise in **data analysis**, visualization, and storytelling using **SQL, Python, and R**. Proficient in creating dashboards with Tableau and PowerBI to support strategic decisions. Skilled in business process improvement, project coordination, and stakeholder management. Strong background in database management and version control using **Git**. Adept at deriving actionable insights and comprehensive recommendations through advanced data processing and reporting.

## TECHNICAL SKILLS

**Programming Skills:** SQL, Python, R, HTML, CSS, JavaScript

**Data Visualization:** Looker, Tableau, PowerBI

**Data Analysis and Development:** Jupyter Notebook, Google Analytics, Google Apps Script, Airflow, Databricks

**Analytical Skills:** Data modeling, Statistical Analysis, SDLC methodologies, Exploratory Analysis, Customer Analytics, Marketing and Web Analytics, Clustering, Causal Inference, Data Visualization, Project Coordination, Dashboarding, Data Storytelling, Scrum

**Tools:** Excel, Spreadsheets PowerPoint, Git, Google Analytics, Jira, Asana, Hubspot, Hive, Databricks, AWS, Microsoft Office Word, Google Suite

## EDUCATION

### University of Windsor

Master of Applied Computing

### EXPERIENCE

Sep. 2023 - Dec. 2024

GPA: 80/100

### Data Analytics Engineer

Jun. 2022 – Jul. 2023

Virtusa Consultancy Private Limited | AWS, Azure DevOps, SQL, Excel, ETL, PowerBI

Hyderabad, India

- Provided production support and **analysis** in a Azure DevOps teams for tools like GitHub, SonarQube, and Snyk using ServiceNow, resolving high volumes of tickets daily.
- Created **Active Directory** requests for the tickets raised, ensuring proper access and permissions for users.
- Maintained a detailed **Excel** sheet for ticket tracking and ensuring comprehensive **documentation** of tool.
- Executed **ETL** processes using **MySQL** Workbench to move data from **Excel** to SQL database, ensuring data accuracy.
- Cleaned and transformed data for **Power BI**, creating dashboards to highlight ticketing trends and tool performance.
- Communicated data insights to clients, recommending tool improvements based on dashboard analysis.

### Data Associate Engineer

Jan. 2022 – Apr. 2022

Virtusa Consultancy Private Limited | AWS, ServiceNow, Excel

Hyderabad, India

- Ensured data quality, consistency, and completeness, tracking all items in **Excel** and cleaning dirty data to generate comprehensive reports.
- Created Excel reports with using **Power Query** and **Pivot Tables** to calculate total items, costs, returns, and logistically damaged items, and generated bar, pie, and histogram charts using **Power BI** for visual data representation.

## DATA SCIENCE PROJECTS

**BrainyBits** | Python, Flask, Jupyter Notebook, SQL, C++, TensorFlow, Excel, Jira, Django

- Developed an AI monitoring system using **Python, Flask, Django**, and **SQL** to track and analyze system performance and anomalies.
- Built and trained **machine learning models** for head pose, eye tracking, emotion detection to understand the student behaviour in classroom.
- Utilized **TensorFlow**, achieving a predictive accuracy of 92% and automating 50% of monitoring tasks.
- Employed **Jupyter Notebook** for exploratory data analysis and reporting, and used **Excel** for data manipulation and visualization to present insights to stakeholders, reducing reporting time by 25%.
- Utilized **Jira** for effective project management and user story tracking.
- Built and maintained **data pipelines** to ensure efficient data flow and processing.

**Green Events** | Django, Python, HTML, CSS, JavaScript, Bootstrap, SQLite

- Developed key features like user authentication, event creation, and advanced search filters, enhancing functionality and user experience.
- Styled the platform using **Bootstrap** for a responsive design; used **Git** for efficient collaboration and version control.

**Amazon Prime Video Analysis** | Tableau, Excel

- Created an interactive **Tableau** dashboard to visualize data trends and insights, aiding stakeholder decision-making.
- Integrated multiple data sources to provide a comprehensive view of Amazon Prime Video's performance.

**Walmart Sales Data Analysis** | Python, SQL, Tableau, Excel

- Examined Walmart's eCommerce sales data using **SQL, Excel**, and **Tableau** to identify trends and patterns, leading to insights improving sales strategies.
- Created visualizations to communicate findings to stakeholders, helping them understand potential inventory management improvements.

## CERTIFICATIONS

- Google professional data analyst certified
- Project Management Foundations from LinkedIn Learning
- ITIL Service Management Certified
- Excel for Corporate Finance Professionals from LinkedIn Learning

## EXTRACURRICULAR ACTIVITIES AND VOLUNTEERING

- Writer on Terribly Tiny Tales, profound page on Instagram, Twitter and Facebook.
- Volunteered for several university events in collaboration with OPUS and GSS for photography and videography.
- Fundraiser for Bill Gates Polio Eradication Initiative and collected over 2000 CAD.