Navyasri Pusuluri

Phone: (612) 501-0923 | Email: pusuluri.navya@gmail.com | Minneapolis, MN | [LinkedIn](#) | [UMN Badge](#) | [GitHub](#)
Work Authorization in US: Yes | Visa Status: No visa sponsorship required | Availability: Immediate

Education

University of Minnesota, Minneapolis, MN	**Mar 2023 - Sep 2023**
Certification in Data Visualization and Analytics Bootcamp	

Osmania University, Hyderabad, India	**Oct 2013 - May 2015**
Master of Business Administration	

Kakatiya University, Hyderabad, India	**Aug 2010 - May 2013**
Bachelor of Commerce	

Projects

Citi Bike Dashboard Visualization (Tableau, Python, Pandas)
- Developed an interactive dashboard for data-driven insights on the Citi Bike program, enhancing city officials' decision-making.
- Implemented a systematic approach for data collection, organization, and analysis to ensure data accuracy and reliability.

Price Correlation Analysis (Python, APIs, Pandas, NumPy, Seaborn, Matplotlib)
- Analyzed a decade of price data to determine the impact of real-world events on commodity prices and predict normalization timelines.
- Worked jointly in a team to collect and preprocess data, integrate relevant APIs for data acquisition, conduct statistical analysis, and contribute to the project's overall findings.

Crowdfunding Data Management (Python, PostgreSQL)
- Developed an ETL pipeline for crowdfunding data to enhance data quality and accessibility.
- Collaborated on data extraction, cleaning, transformation and database schema creation using Python libraries and PostgreSQL, implementing DDL and DML operations.

Utility Usage Analysis (Excel, Python, NumPy, Plotly, MongoDB)
- Analyzed electric, gas, and water consumption in U.S. apartment complexes, providing insights into utility usage patterns in multi-family housing.
- Developed a comprehensive dashboard for client visualization, integrating diverse data sources and interactive visual tools.

YouTube Metrics Analysis (Python)
- Predicted YouTube video views and revenue using Machine Learning.
- Implemented K-Means for video clustering and deep learning regression for predictions.

Skills

- **Programming/Scripting**: SQL, Python, HTML, Unix
- **Databases**: PostgreSQL
- **Data Visualization**: Tableau, Power BI, Microsoft Excel
- **Technical**: Programming, ETL, Data Modeling, Data Cleaning, Data Analytics, Data Ethics, Visualization
- **Basic Proficiencies**: JavaScript, CSS, Unsupervised ML, Supervised ML, Deep Learning
- **Tools:** Git, Airflow, VS Code, Jupyter notebook, Docker
- **Frameworks/libs:** Matplotlib, Pandas, NumPy, Plotly, dbt (Data Build Tool ELT)
- **Soft:** Problem-Solving, Communication, Teamwork and Collaboration, Adaptability, Fast Learning