# Navyasri Pusuluri

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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, PowerBI, 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