

Manoj Kumar Yejjala

📍 Big Rapids, MI, USA | ✉️ manoj.yejjala@gmail.com | 📞 (231) 390-5810

🔗 [LinkedIn: Manoj Kumar Yejjala](#)

🌟 Professional Summary

Detail-oriented Data Analyst with expertise in metadata tagging, content classification, and machine learning. Proven experience in structuring live content and automating metadata workflows, enhancing discoverability and traceability. I am an expert at transforming unstructured datasets into categorized, actionable insights using advanced analytics, visualization, and automation tools.

🛠️ Core Competencies

- **Metadata Expertise: Metadata Tagging & Taxonomy Development | Content Classification & Operations Support**
 - **Data Analysis & Visualization: Python | R | Tableau | Power BI**
 - **Machine Learning Models: Classification | Clustering | NLP | Recommendation Systems**
 - **Data Wrangling & Engineering: SQL | Pandas | NumPy | Tableau Prep**
 - **Reporting & Storytelling: Dashboards | Data Storytelling | Academic Publications**
 - **Technical Platforms & Tools: Jupyter | GitHub | Jenkins | SPSS | SAS | Google Earth | QGIS**
-

🎓 Education

Master of Science in Data Science and Analytics

Ferris State University, Big Rapids, MI | Expected May 2025 | GPA: 3.77

Bachelor of Technology in Mechanical Engineering

Jawaharlal Nehru Technological University, Kakinada, India | Graduated 2016

Professional Experience

Research Assistant

Ferris State University | June 2024 – Present

- Developed content classification models for academic publications using Python and SPSS.
- Designed dashboards for trend analysis and live research stream tagging.

Software Engineer

MSYS Technologies Pvt. Ltd. (Client: HPE) | August 2022 – August 2023

- Automated metadata tagging workflows within CI/CD pipelines for UI testing frameworks.
 - Utilized JIRA, Allure, and Jenkins to tag, track, and trace test events and failures.
-

Relevant Projects

Movie Recommendation System

- Built a KNN-based metadata recommender to personalize user suggestions using genre and content tags.

Iris Clustering & Visualization

- Applied K-Means clustering on the Iris dataset, segmenting and visualizing species using metadata attributes.

Content Tagging in SPSS Streams

- Implemented structured tagging for classification and segmentation models in customer/product datasets.

Sales Dashboard (Tableau)

- Designed dynamic dashboards with region and store-level filtering using metadata-based visualizations.

Adventure Works SQL Reports

- Executed multi-layered queries to extract, tag, and visualize revenue per store using SQL Server data.

GIS-Based Crater Mapping

- Tagged lunar features in Google Earth, visualizing spatial patterns and exploration zones.
-

Key Achievements

- Developed an automated metadata tagging system, reducing classification time by 30%.
 - Enhanced research traceability by implementing real-time tagging and taxonomy models.
 - Co-authored academic research featuring structured tagging and statistical learning in medical data.
-