

# Manish Vangara

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in <https://www.linkedin.com/in/manishvangara/>

🐙 <https://github.com/ManishVangara>

## OBJECTIVE

Passionate data enthusiast with a knack for transforming numbers into meaningful insights. Skilled in data analysis, visualization, and trend spotting to drive impactful decision-making.

## SKILLS

- **Programming languages:** C++, SQL, R Language, HTML, CSS, JavaScript, Java, Shell Scripting, Python (NumPy, Matplotlib, ScikitLearn, Pandas, Django, TensorFlow)
- **Technical Skills:** Data Wrangling, Data Visualization, Web Scraping, EDA, PDA, Data Pipelines, A/B Testing, Hypothesis Testing, Statistical Modeling, Machine Learning (Regression, Decision Trees, KNN, Neural Networks, Reinforcement Learning)
- **Softwares:** Git, GitHub, Power BI, Tableau, VS Code, Microsoft Office Suite, Google Suite, LaTeX
- **Platforms and Tools:** AWS (SageMaker, Glue, S3, EC2, DynamoDB), GCP, DataBricks, Okta
- **Languages:** English, Hindi, Telugu

## WORK EXPERIENCE

### • Vertocity

*Data Analyst*

*Sep, 2021 – Dec, 2022*

- Optimized learning experiences by analyzing student engagement metrics, leading to a 30% increase in student satisfaction, a 25% improvement in educator decision-making, and a 20% boost in course retention and effectiveness.
- Leveraged data-driven strategies, advanced visualization, and market research to provide strategic recommendations, contributing to a 15% revenue growth and a 20% increase in user satisfaction within the Ed-tech sector.

## EDUCATION

### • University of Central Oklahoma

Edmond, OK

*Masters in Data Science*

*Aug, 2023 - Present*

- GPA - 3.5
- Courses: Algo Design and Implementation, Applied Experimental Design, Concepts of Artificial Intelligence, Statistics, Applications in Database Systems, Applied Regression Analysis

## PROJECTS

### • Student Performance & Access Management System

*Tools used: PHP, Oracle DB, SQL, HTML, CSS, Visual Studio, Okta*

### • Speech Emotions Detection

*Tools used: Librosa, Soundfile, NumPy, Pandas, Sklearn, Pyaudio, Jupyter*

### • Customer Segmentation

*Tools used: NumPy, Pandas, Scikit-learn, Seaborn, Jupyter, Unsupervised Learning*

## LEADERSHIP

### • UCO ISA

*Data Science Graduate Liaison*

*Feb 2024 - Present*

### • AIESEC

*Project Manager - Youth for Impact*

*Jan, 2019 - Dec, 2020*

## CERTIFICATIONS

### • Git Esstentials

### • Python for Data Science, AI & Development

## AWARDS

### • President's Medal

*University of Central Oklahoma - Fall Semester*

*2023*

### • Best Team Leader - Quarter 1

*AIESEC - Business Development*

*2020*