

# TEJAS POSUPO

University Roll. No – 2021MSBDA031

**Master of Science – Big Data Analytics**

**Central University of Rajasthan, Ajmer**

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Gender (Male)

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## CAREER OBJECTIVE

I am currently a final semester student pursuing Master's degree in Big Data Analytics. Technology has always excited me with the potential it had in influencing, the upbringing of a better world around us. I happened to have found my interest in the Data Science stream for its peculiar knack over justifying a working model in any field it performs. This particularly had me eager to learn Data Science. I am sure to be a curious learner and an excellent team player who is looking forward to an integral opportunity at utilizing my working knowledge and technical competencies mastered across *development, data analytics, networking, cloud, operating system and troubleshooting techniques*.

Having worked through projects based on **Python, MySQL, Power BI, JavaScript, HTML, CSS, etc.**, in the interim period and across masters, I am eager to tackle development/design challenges to achieve lasting impacts on user experience that contribute to company growth while concurrently supporting my professional attain.

## ACADEMIC PROJECTS

### ❖ Sales Insights Data Analysis Project – [GitHub](#)

*[Power BI | SQL | | Data Analytics]*

*(Jan 2023 – Feb 2023)*

- Designed a **Power BI** dashboard to understand AtliQ hardware goods sales trend. Their cultural heritage and monuments present in the country.
- The final dashboard was effective at displaying the sales trend of AtliQ hardware, allowing users to understand the data and make informed decisions.
- This dashboard could help in increasing the revenue at least by 7% in the next quarter

### ❖ Movie Recommendation System – [GitHub](#)

*[Python | Pandas | Machine learning | NLP | Streamlit ]*

*(Mar 2023 – April 2023)*

- I have created **content based** Movie Recommendation system based on (such as genre, cast, director, plot, and language) using cosine similarity in which if user search any Movie name then model will predict the most similar five Movie.
- Collect movie data, Preprocess the data: Clean the data and preprocess it to make it usable for the recommendation system
- Compute movie similarities: Calculate the similarity between each pair of movies using a similarity metric like **cosine similarity** or Euclidean distance.
- Create a user profile: Ask the user to provide some movies that they have liked. Use the attributes of those movies to create a user profile.

### ❖ Real Estate Price Prediction Project – [GitHub](#)

*[python | Numpy | Pandas | Matplotlib | SkLearn | Python flask]*

*( April 2023)*

- In this data science project, I have built a real estate price prediction website. First, build a model using **Sklearn** and **linear regression** using the Bangalore home prices dataset from [Kaggle.com](#)
- Second step would be to write a python flask server that uses the saved model to serve http requests.
- Third component is the website built in **HTML, CSS and JavaScript** that allows user to enter home square ft. area, bedrooms etc. and it will call **python flask server** to retrieve the predicted price. During model building I have cover almost all data science concepts such as data load and **cleaning, outlier** detection and removal, **feature engineering, dimensionality** reduction, **gridsearchcv** for **hyper parameter tuning, k fold cross validation** etc.

## LANGUAGE PROFICIENCY

### ❖ English

(Full Professional Proficiency)



### ❖ Telugu

(Native / Bilingual Proficiency)



### ❖ Hindi

(Limited Working Proficiency)



## EDUCATION

❖ <b>Master's Degree – M.Sc in Big Data Analytics</b>   <b>Central University of Rajasthan, Ajmer</b> CGPA 6.80   (Nov 2021 – Pursuing) <small>Courses: Statistical Methods, Probability Distributions, Linear Algebra &amp; Matrix Theory, Computing For Data Sciences, Database Management, Professional Communication, Python And Java, Foundations Of Data Science, Advance Statistical Methods, Machine Learning, Value Thinking, Combinatorial Optimization, Introduction To Econometrics &amp; Finance, Modelling In Operations Management, Hadoop, Hive, Sqoop, Pig, Data Mining, Time Series &amp; Forecasting, Cloud Computing, Software Engineering</small>
❖ <b>Bachelor's Degree – B.Sc. in Computer Science</b>   <b>Andhra Kesari Degree College, Rajahmundry, AP</b> CGPA 6.72   (July 2015 – Sep 2020) <small>Courses: Computer Fundamentals, Photoshop, Syntax of languages, Data Structures, Database Management Systems, Digital &amp; Analog Electronics, Software Engineering, Cloud Computing, Distributed Systems, Linear and Vector Algebra, Differentiation, Integrals</small>
❖ <b>Higher Secondary Education – A.P State Board</b>   <b>AMG Junior College, Rajahmundry, AP</b> Percentage 58.7%   (July 2013 – Apr 2015) <small>Subjects: Mathematics, Physics, Chemistry</small>
❖ <b>Secondary Education – A.P State Board</b>   <b>Akshara Sri Smart School, Rajahmundry, AP</b> CGPA 8.00   (June 2011 – Mar 2012)

## SKILLS

<b>Languages:</b>	Python, OOP Concepts, DBMS, SQL, MySQL, Machine Learning, Deep Learning
<b>Python Libraries:</b>	Pandas, Numpy, Matplotlib, Keras, TensorFlow, Scikit-learn, Data Science, Data Visualization, Data Analytics, NLP, CNN
<b>Technologies:</b>	Networking, AWS, Windows 10, Ubuntu (Linux), Troubleshooting
<b>Web Technologies:</b>	HTML, CSS, JavaScript, Computer Networking
<b>Software Tools:</b>	Visual Studio Code, Jupyter, Power BI, Android Studio, Eclipse, Microsoft Office, Microsoft Excel, Google Colab

## ACHIEVEMENTS

- ❖ **Create a Database with the Modeling Tool in MySQL Workbench** – Certification issued by [COURSERA](#)
- ❖ **Language Classification with Naive Bayes in Python** – issued by [COURSERA](#)
- ❖ **Visualizing Filters of a CNN using TensorFlow** – issued by [COURSERA](#)
- ❖ **Data Analysis with Python** – issued by [COURSERA](#)
- ❖ **Python Project for Data Science** – issued by [COURSERA](#)

## CORE COMPETENCIES

- ❖ Ability to effectively articulate technical challenges and solutions.
- ❖ Adept at handling ambiguous or undefined problems as well as ability to think abstractly.
- ❖ Keen ability and motivation to learn, enter new domains, and manage through ambiguity.
- ❖ Thinks strategically and analytically, multitasks and prioritizes.
- ❖ Strong work ethics – High level of integrity and moral standards.
- ❖ Good communication skills (written and verbal) that reflect structured, clear and objective thinking.

## INTERESTS

GAMING

WANDERLUST

ELETRONICS

MOVIEHOLIC