

# Adesh Singh Tomar

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## WORK EXPERIENCE

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### Techies Group

Gwalior, M.P

*Data Science Intern*

*Jan 2023 – Dec 2023*

- Developed Deep Learning models using Python, and TensorFlow for image classification tasks with an accuracy rate of 98.5%.
- Collaborated with cross-functional teams to extract insights from complex data sets using statistical techniques, resulting in a 25% increase in revenue for the company.
- Deployment of Machine Learning models and applying my statistical knowledge to get the best result every time.
- Researched and analyzed new Machine Learning algorithms to improve model accuracy by 15%, resulting in a 20% decrease in false positive rates.

## EDUCATION

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**Madhav Institute of Technology and Science**

**Gwalior, M.P. India**

*Bachelor of Technology from Electronics*

## PROJECT EXPERIENCE

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### *Netflix Movie Recommendation System*

- Created a netflix movie recommendation system by using collaborative filtering with matrix factorization. The dataset is taken from kaggle, recommendation is done on the basis of user id and subsequent movie watched.

### *Movie Review Analysis Using Deep Learning*

- Designed a Deep Learning model for movie review with Facial Recognition by using an image dataset and also did the required pre-processing using Open CV.

### *Uber Ride Analysis*

- Perform EDA on Uber ride data from April to September 2014 using R. Utilized ggplot2 and dplyr to create visualization, including bar charts, heatmaps and geographic plot, showcasing proficiency in data manipulation, visualization and analysis in R.

### *Sentiment Analysis Using Advanced NLP*

- Implemented a cutting-edge Sentiment Analysis project leveraging state-of-the-art Natural Language Processing (NLP) methodologies. Utilized **BERT** for feature extraction, enabling precise sentiment classification. Enhanced text preprocessing with Porter Stemmer and Semantic Role Labeling (**SRL**) techniques to refine text data.

## SKILLS

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Python | R | SQL | Git | DSA | Data Cleaning | Open CV | Power BI | Plotly | Pandas | NumPy | Matplotlib | Seaborn |  
Sickit-Learn | Keras | Statistics | Natural Language Processing | Data Science | Machine Learning | Deep Learning |  
Data Analysis | LLM | MLOPS | English, Hindi – All professional proficiency or above.