CHANNAKESHAVA REDDY

Aspering Data Scientist

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Profiles

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Summary

Aspriring Data Scientist with hands-on experience in predictive modeling, machine learning deployment, and data-driven decision-making. Seeking to apply technical skills and business acumen to drive impactful solutions.

Skills

Programming Languages: Python, R, SQL, C+

- **Machine Learning**: Scikit-learn, TensorFlow, Keras
- **Deep Learning & Neural Networks**: TensorFlow, Keras
- **Natural Language Processing** (NLP): NLTK, SpaCy, Transformers

Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn

- **Web Development**: Flask, API Integration, Docker
- **Version Control**: Git, GitHub
- **Tools & Platforms**: Jupyter Notebook, VS Code, Google Colab

Experience

Unified Mentor :**Data Science intern|** Frebuary 2025 – April 2025

- Developed a machine learning model using Logistic Regression to predict employee
- attrition Achieved **85% model accuracy** on validation data.
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- Performed data cleaning, feature engineering, and model evaluation using Python (Pandas, Scikit-learn) Visualized key insights using Matplotlib and Seaborn to assist HR decision-making.
- Documented the project workflow and results for internal stakeholders.

Education

- **RNS institute of technology**
- Expected Graduation: 2026
- GPA: 7 / 10 **,** Bengaluru
- **Nagarjuna collage of engineering**
- Pre-university collage:2022
- Percentage:79% **,** Chikkaballapur

Projects

Movie Recommendation System

Python, SQL, PCA, Neural Networks (TensorFlow)

- Designed a recommendation engine that improved movie relevance by **35%**
- Processed a dataset of **100,000+ movies** and **user ratings** to optimize recommendations

Customer Churn Prediction

Python, Pandas, NumPy, Logistic Regression, Random Forest

- Built predictive models to identify at-risk customers with **82% accuracy ,**Analyzed **50,000+ customer records** to detect key churn indicators

Image Caption Generator

Python, TensorFlow, Keras, CNN, LSTM, Flask,transformers

- Built an end-to-end deep learning model combining CNN (InceptionV3) and LSTM to generate natural language captions for images Preprocessed image-text pairs using the Flickr8k dataset and integrated tokenization, padding, and word embedding for model training.

Certification

- Machine Learning with Python - IBM
- IBM MULITLEN Certificate - Cognitive Class
- Commonwealth Bank Science Job Simulation
- Google Analytics Certification - Google Skillshop
- Introduction to Data Science - Upskill
- Introduction to Python - Vidya Analytics