Akshay Kumar T

Bachelor of Technology
Artificial Intelligence and Data Science
Annai Mira College of Engineering and Technology, Ranipet.

+91-9025066486
akshaytoni99@gmail.com
LinkedIn
GitHub

Objective

Aspiring Data Scientist with a strong foundation in machine learning, data analysis, and statistical modeling. Proficient in Python, SQL, and data visualization tools. Passionate about transforming data into actionable insights to drive business growth. Seeking an opportunity to apply my analytical skills and problem-solving abilities in a dynamic environment.

Education

- **Annai mira college of engineering and technology** — *Sep 2022 - May 2025*
  Artificial Intelligence and Data Science — Ranipet, Tamil Nadu
  ◦ CGPA: 8.0/10
- **Thanthai Periyar Government Polytechnic College** — *Mar 2020-Mar 2022*
  Mechanical Engineering — vellore, Tamil Nadu
  ◦ Percentage: 86%
- **R.B.A.N.M.S High school** — *Mar 2017*
  SSLC — Bangalore, Tamil Nadu
  ◦ Percentage: 62.4%

Online Courses / Additional Training

- **Pantech solution** [🌐] — *Jan'24-Apr'24*
  Data Analyst — Chennai, Tamilnadu
- **SLA** [🌐] — *Mar'25-Present*
  Data Science — Chennai, Tamilnadu

Projects

- **Regression-Approach-to-Life-Expectancy-Prediction:** — *Oct 2024-Nov 2024*
  Tools: [Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn] [🐙]
  ◦ Built a machine learning regression model using Scikit-learn to predict life expectancy based on socio-economic and health indicators.
  ◦ Performed data cleaning, feature engineering, and visualization using Pandas, NumPy, and Seaborn to identify key factors influencing life expectancy.
- **CNN-Approach-to-Classify-Recyclable-and-Organic-Materials** — *Jan'25-Apr'25*
  Tools: [Python, TensorFlow, Keras, OpenCV, NumPy, Matplotlib, Scikit-learn, Google Colab, Google Drive.] [🐙]
  ◦ Built a CNN model with TensorFlow/Keras to classify waste as organic or recyclable using 14+ layers (Conv2D, MaxPooling, Dense, etc.) and trained on labeled image data from Google Drive.
  ◦ Achieved 90–95% accuracy with evaluation via confusion matrix and classification report to validate model performance.

Skills

- **Programming Languages:** Python
- **Database Systems:** MySQL
- **Data Analytics:** PowerBI,MS Excel,Pandas
- **Machine Learning:** scikit-learn, TensorFlow, Keras

Certifications

- **Pantech solutions- certified Python basics** — *Jan 2024*
- **Pantech solutions- certified Master in Machine Learning, Deep Learning, AI** — *Apr 2025*

Additional Information

Languages: Tamil (Read,Write,Speak), English (Read,Write,Speak, Kannada (Read,Speak), Hindi (Speak)