

# Banala Sannihith

Data Analyst

+91 8790676237 | [sannihithreddy2002@gmail.com](mailto:sannihithreddy2002@gmail.com) | [linkedin.com/in/banalasannihith](https://www.linkedin.com/in/banalasannihith) | [kaggle.com/sannihithbanala](https://www.kaggle.com/sannihithbanala) |

## SKILLS

---

**skills:** EDA, Descriptive Analysis, Data Visualization, Data Cleaning and Preprocessing, modeling, inferential and Descriptive statistics, Query writing, Dashboarding, DAX

**Domains:** Data Analysis, Machine Learning

**Tools/Platforms:** Power BI, MS Excel, MS Powerpoint

**Languages:** Python, SQL, HTML, Java Script

**Soft Skills:** Perceptive Communication, Business Acumen, Critical Thinking

**frameworks/libraries:** Numpy, Pandas, Scikit-Learn, Matplotlib, Seaborn, Plotly, yellowbrick

## PROJECTS

---

**customer analysis and recommendation system** | *python* 2024

- \* In this project, I analyzed a transactional dataset from a UK-based online retailer covering 2010-2011.
- \* I transformed transactional data into a customer-centric dataset and used kmeans for customer segmentation.
- \* developed a recommendation system suggesting top-selling products to customers within each segment who haven't purchased those items.

**Iris Recognition Using Daugman's Algorithm and Ann** | *python* 2023

- \* Worked in a group to implement an iris recognition algorithm and fine-tuned it for higher accuracy.
- \* Helped in Feature Extraction and hyperparameter Tuning

**Andriod Malware Detection Using Machine Learning Techniques** | *Python* 2023

- \* worked in a group to train a model that detects malware in android applications with a high accuracy.
- \* Trained SVM and Neural Network Algorithm on Test Data
- \* Used various techniques like grid search and random search to explore different combinations of hyperparameters.

## CERTIFICATES

---

**Machine Learning Specilization** Jul 2023

*DeepLearning.AI and CourseEra*

**Data Structures In Python** April 2022

*CourseEra*

## EDUCATION

---

**MallaReddy Institute Of Technology, Hyderabad** 2019 – 2023

*Bachelor of Technology in Computer Science and Engineering* GPA: 6.52/10.0

**Sri Chaitanya Junior College** 2017 – 2019

*Telangana State Board 12th Grade* Marks: 858/1000

**Paramita High School** 2015 – 2017

*SSC 10th Grade* GPA: 9/10.0