BASKAR D
SENIOR RESEARCH ANALYST

baskarbenjamin7@gmail.com • https://www.linkedin.com/in/dbaskar/ • 9791136614 • Chennai,India

SUMMARY

Data enthusiast with experience in gathering, organizing, and cleansing data. Passionate to create models that can solve issues and eagerly awaiting for the chance to implement data-driven solutions to improve the effectiveness and accuracy of business decisions to address challenging business issues.

EXPERIENCE

Senior Research Analyst, 01/2019 - Current

Merit Data And Technology Private Limited - Chennai,TN, India

- Performed a combination of data-oriented collection and analysis for various clients like UK Council Construction Department,USA Internet search engine pertaining to the trucking industry.
- Implemented a process improvement by focusing on automation of the collection process through Python which resulted in reducing the manpower from 7 heads to 5 heads.
- Verifying the Customer Details and Update in OPUS (Salesforce) & Creation of New Sites in OPUS (Salesforce).
- Drew Polygons for the Verified Site Location through QGIS Application.
- Worked in all aspects of the project from scrapping to processing and delivering the final output.
- Assisted in training freshers and bringing them up to speed on the project was a key responsibility.
- Assist Manager/team leader in evaluating forecasts, creating, and publishing reports that aid in management decision and worked on RCA behind escalations.
- Platforms Use: Google Colab, Google,Scrapper, Salesforce & QGIS.

EDUCATION

Post Graduate- Data science and Engineering - 10/2022
Great Lakes Institute - Chennai, TN

B.E - Mechanical Engineering - 05/2018
Madha Engineering College - Chennai, TN

PROJECTS

Healthcare Analytics
● **Objective :** Heart disease is one of the leading causes of death for people in our country. So to create a solution for predicting a patient's heart condition using the key indicators from the acquired data.
● **Goal :** Build a classification machine learning model to accurately detect "patterns" from the data that can predict a patient's heart condition using the key indicators.
● **Source :** Kaggle
● **Key Skills :** Multiple Classification Modelling, Predictive Modelling, Model Validation, Exploratory Data Analysis, NumPy, Pandas.

Sports Analytics
● **Objective :** A new football club named 'Brussels United FC has just been inaugurated and the team is looking to hire players for their roster. This project explored the art of problem solving with the aid of visual analytics. Python's data visualization tools were used create interactive dashboards to uncover hidden insights to identify performance of the players.
● **Key skills :** Exploratory Data Analysis, NumPy, Pandas.

SKILLS

- Machine Learning: Supervised & Unsupervised Methods- Regression, OLS, Lasso, Ridge, Decision Tree, Random Forest, KNN,Clustering,Ensemble Technique etc.
- Statistical Methods: Predictive Analysis, Hypothesis Testing, Descriptive Analysis, Inferential and ANOVA, Chi-square, Confidence Interval, Exploratory Data Analysis.
- Programming Languages: Python, Libraries: Pandas,NumPy,SciPy,Sklearn.
- Database Language: MySQL (RDBMS).
- Simulation Tool: TABLEAU - Data Analytic: Jupyter Notebook and MS Excel.
- Visualization: Seaborn, Matplotlib, Plotly.
- Specialized at Data Analysis, Data Cleaning, Data Visualization, Data Mining, Data Wrangling, Dashboard Creation.

CERTIFICATIONS

- Python Basics at HackerRank.
- SQL Intermediate at HackerRank.
- Certified in TABLEAU.

ACHIEVEMENTS

- Won Consistent performer award for the year of 2021.
- Won Quality performer award for the year of 2021.
- Won Star performer award for the year of 2022.
- Won spot awards for three quarters for being a standout member of the team in 2021.

SOFT SKILLS

- Data Storytelling, Presentation Skills,Problem-Solving,Growth mindset,Conflict resolution, collaboration,adaptability, Leadership Quality & Effective Communication.