KAPILDEV PALANISAMY

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SUMMARY

Data science enthusiast, eager to learn and start a career in the data science and machine learning domain. Post Graduated in a reputed institute, 'Great Lakes'. I am highly motivated and curious about getting an experience in a real time database. I have experience in performing data visualization, data pre-processing and data analytics to get a critical insights. I also have knowledge of building machine learning models and their deployment. I think this makes me a perfect blend for a data science job. I am waiting for the right opportunity to prove my skills and grow with the organisation.

LinkedIn profile: www.linkedin.com/in/kapildev-palanisamy-a3a809213
Github profile: https://github.com/settings/profile

KEY SKILLS

1. Python for Data Science
2. MySQL
3. Machine Learning (Classification, Ensemble, Clustering, Regression)
4. Tableau
5. Visual Analytics (Matplotlib, Seaborn)
6. Statistics (Basic Understanding)

ACADEMIC PROJECTS

1. **Online Shoppers Intent – Classification (CAPSTONE PROJECT)**
   Objective:
   Based on given data of visitors browsing for online shopping, build different models to know
   Whether a person is only browsing and visiting multiple pages and also they generate revenue or not.

   Skills and Tools:
   Exploratory Data Analysis, missing value treatment, regression algorithms like linear, KNN,
   Ensemble techniques etc..,

   Outcome:
   A model with a test accuracy of 89% was built to predict the online purchase of customers

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2. **Sports Analysis (Exploratory Data Analysis):**
   Objective:
   To hire players for a new football club named 'Brussels United FC' which has just been inaugurated. Player data for all teams has been acquired from FIFA.

   Skills and Tools:
   Python, Numpy, Pandas, Visualization tools, exploratory data analysis

   Outcome:
   Analysis has been done to hire players for 'Brussels United FC' football club.

2. **Relationship between the population of US cities in the year 1920 and 1930 (Supervised Learning Regression):**
   Objective:
   To build a Linear Machine Learning model to understand the relationship between the population of US cities in the year of 1920 and 1930.

   Skills and Tools:
   Machine Learning, Supervised Learning, Linear Regression

   Outcome:
   This model is built to understand the relationship between the population of US cities in the year of 1920 and 1930 and the model performance is evaluated with appropriate measures, required graphical and quantitative exploratory data analysis are done prior to model building.

EDUCATION

Course	Institution	Year	Remarks
PGP Data Science and Engineering	Great Lakes Institute of Management	2021	Pursuing
B.Sc. Mathematics	Sri Krishna Adithya College of Arts and Science	2021	79.4%
12th Std	SKV Educational Institution	2018	72.4%
10th Std	SKV Educational Institution	2016	94.6%

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Extra-curricular achievements

1. Participated in the planting initiative carried out by SIRUTHULI has seen a new record as more than 10000 saplings were plated in THREE minutes at the Bharathi Vanam, a forest patch set up at the Bharathiar University – Coimbatore
2. 8 Days NSS camp – Clean up whole village (IKKARAI PULUVAMPATTI – 20 students) and planted more than 50 saplings around the village and spread awareness about COVID – 19.
3. Elected as a President of the department.

Certificates

1. 2 times First Price in **MIME** competition (Organiser, Editor, Participant)
2. Courses completes in **UDEMY** are differential equations, sequence and series, masters of fundamental algebra, Laplace transform, basic math course.
3. Award for **Best National Service** Scheme volunteer.
4. Participated in One Day National Seminar on CURRENT TENORS IN GRAPH THEORY in Nirmala College.