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# Rajendra Prasad JM

B.Tech in Mechanical Engineering @IIITDM

Mobile : 9944163729

Gmail : [rajendraprasad1332001@gmail.com](mailto:rajendraprasad1332001@gmail.com)

Alt Gmail : [mdm18b037@iiitdm.ac.in](mailto:mdm18b037@iiitdm.ac.in)

LinkedIn : <https://linkedin.com/in/rajendraprasadjm>

Tableau : <https://public.tableau.com/app/profile/rajendra/vizzes>

Seeking a responsible and challenging position in a leading organization, where my professional attitude and constant drive towards success enables for the further development of the organization and myself. Continuously striving to enhance my skills and contribute to the growth and success of the organization through my dedication and passion for excellence.

## SKILLS

<b>Coding Languages</b>	:	Python, SQL,C,C++
<b>Operating System</b>	:	Windows
<b>Skills</b>	:	Exploratory Data Analysis, MS Word, MS Excel, MS Power Point ,ML
<b>Python</b>	:	Seaborn, Matplotlib, NumPy, Pandas, Scikit-Learn, Stats models
<b>Dashboard</b>	:	Excel , Tableau , PowerBI
<b>IDE</b>	:	JuPyter Notebook, Visual Studio Code, PyCharm
<b>Data Query</b>	:	SQL

## PROJECTS

### Data Analytics Course at Great Learning, Chennai

May 2023 - Dec 2023

- Exploratory Data Analysis on YouTube Data Using Pandas (Pandas).
  - The dataset was collected and refined, followed by exploratory data analysis (EDA). Data manipulation and visualization were carried out using Python libraries such as NumPy, pandas, and matplotlib.
- Film Rental (SQL)
  - The Dataset was collected and SQL queries performed to analyze the data. Complex Queries like Subqueries, Group by functions were carried out.
- Terro's Real Estate Agency (MS Excel).
  - A real estate dataset underwent data cleaning, exploratory data analysis, and feature elimination, followed by predictive analysis using linear regression. Low correlative columns were excluded based on p-value ( < 0.05 on 95% Confidence Levels), enhancing the model's accuracy  $R^2$  from 0.65 to 0.9 improving over 40%.

Skills learnt: **MS Excel** (Data Analysis, Summary Statistics), **Python** (NumPy, Mat-plot, Pandas, Seaborn), **MYSQL**(DQL,DDL,DML,DCL,TCL), **Tableau** (Data Visualization)

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## EXPERIENCE

**DEP Pvt Ltd, Chennai** - *Associate Project Engineer*

August 2022 - December 2022

- Role to Construct FEA meshes and to Validate the Quality of the Mesh Created.
  - Skills: Mesh Works (Mesh Creation, Manipulation, Quality Assurance)

## EDUCATION

**Indian Institute of Information Technology, Kancheepuram**

*Bachelor of Technology in Mechanical Engineering*

June 2018 - May 2022

Grade- 8.45 CGPA

## CERTIFICATIONS

NPTEL	-	Data analytics using Python
Hackerank	-	Five Star in Python
Hackerank	-	Five Star in SQL
MATLAB	-	OnRamp

## INTERESTS

Technology Aficionado: Avid follower of latest trends and advancements in technology. Keeps track of Technology like Wi-Fi , Smartphones , Windows , Electronics, Cameras, Videography.