Mahendra Gurjar

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ABOUT

Detail-oriented and results-driven Electronics and Communication Engineering Graduate who excels at maintaining and organizing large scale data, and performing data analysis. Possess great analytical skills, strong attention to detail, and strong communication skills. Proficient with Advanced Microsoft Excel skills, SQL and Business Intelligence tools like Power BI and Tableau.

EDUCATION

BITS Pilani, Dubai Campus September *2015 – August 2019*

Bachelors in Electronics & Communication Engineering ***CGPA****: 7.65/10.0*

SKILLS

Programming : Python, C/C++
Tools & Technologies : SQL, Excel, Tableau, Power BI, VBA, MATLAB, Pandas, Seaborn, Matplotlib, Power-point

PROJECTS

- **San Francisco Crime Analysis** *October 2020*
Extracted data from Kaggle Datasets, transformed using Python and loaded the data into SQLite Database. Created views to analyze the data. Created Power BI Dashboard using skills such as data-modelling, custom DAX Measures, Time Intelligence functions etc.

- **Employees - SQL Analysis** *September 2020*
Created a Relational Database in MySQL Server and populated with Employees data. Wrote intermediate – advanced SQL queries using joins, unions, create procedure, views, regexp etc. to analyze data.

- **Superstore Sales Dashboard – Tableau** *September 2020*
Created sales Dashboard using Tableau displaying key parameters Profits by Location, Sales by segment, Profits by Category and published it on Tableau Public.

- **Movies ETL (Extract, Transform & Load)** *August 2020*
Extracted the Movies data from various sources like Wikipedia, Kaggle etc. Transformed the data using Python and finally, loaded the transformed data into MySQL database.

- **Predicting House Prices** *August 2020*
Analyzed data with visualizations to get insights from data, transformed the data to achieve higher Prediction accuracy. Employed various Regression models LGBM Regressor, XGB Regressor, Linear Regression to predict house prices.

WORK EXPERIENCE

EMERSON AUTOMATION SOLUTIONS Dubai, UAE
Intern *January 2019 – June 2019*
- Assisted Manufacturing Engineers to eliminate redundancy on push and pull parts in the Inventory, analyzed Inventory redundancy impact on business using Excel skills.
- Prepared Presentations for Safety trainings, conducted Safety trainings for the Production Line team.
- Created Foam Drums Stock Estimator using advanced Excel skills for eliminating redundancy or shortage of foam drums.
- Documented Work Instructions for Production line and created Capacity sheet for estimating the work load on the production line.
- Troubleshooting and maintenance of the Manufacturing Stations with the help of IT support without impacting any ongoing production.

SCIENTECHNIC Dubai, UAE
Trainee *June 2017 –July 2017*
- Prepared excel reports from the client designs for estimation of landing cost of the project by the purchasing team.
- Assisted immediate Supervisor in preparing Bill of Quantity for several projects (Fire Fighting Systems, Fire Alarm Systems, Access Control Systems and CCTV).
- Assisted immediate supervisor in preparing submittals for the clients.