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*
- 38000+ crimes recorded were of Larceny/Theft crime category
- Southern district lead the crime rates followed by Northern district
- Month of October recorded highest with 13000+ crimes followed closely by January

Keywords: Data Analysis, Data Modelling, Time Intelligence functions, DAX, SQLite, Python, Power BI

Employees Database Management   *September 2020*
- Performed Database CRUD operations in SQL
- Queried data using Joins, Unions, Procedures, Functions, Regexp, views etc.

Keywords: Data Analysis, EER Diagram, CRUD, MySQL

City Bikes Dashboard   *September 2020*
- City Bikes recorded 364,352 rides with 883 bikes in operations
- Grove St Path station seems most popular station among riders for both Start and End stations with 42k and 52k rides respectively
- 4M+ trip duration in minutes were recorded

Keywords: Dashboard, KPI, Maps, Tableau

Predicting House Prices - Kaggle Competition   *August 2020*
- Performed Data wrangling, dropped unwanted features and engineered new features for better prediction
- Predicted House prices using various regression models finished in top 10% out of 5800+ competitors.

Keywords: Pandas, NumPy, Seaborn, Matplotlib, Sckit-Learn, Linear Regression, XGB Regressor, Python

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.