**Kunal Goel** 896 Hewlett Dr., Valley Stream, NY, 11581 +1 (312)-483-3424| <https://www.linkedin.com/in/kunal-goel-88722998|kunalgoel2507@gmail.com>

**Summary:** Hand on 3 years of experience in driving data transformation and modernization initiatives from ideation to actualization. Handle data strategy and data governance transformation for telecommunication. Build reports/insights consumed by C-level executives.

**EDUCATION**

Lamar University, Beaumont, Texas Aug2019-May 2021

Master of Computer Science –Data & Analytics **(3.3)**

Punjab Technical University, Punjab, India Aug 2013-May2017

Bachelor’s in computer science and Engineering **(3.3)**

**WORK EXPERIENCE**

**Graduate Assistant, Lamar University**  Jan2020-May2021

* Work with Chairman and Head of Department of Computer Science in specification for ML project
* Worked on Kaggle product data and used time series analysis and Unsupervised learning Algorithm for model building and deployment as part of a research Initiatives.
* Build dashboard and visualization using Qlik &Tableau.

**Congruex LLC, India** July2018-July2019

**Data Analyst**

* Worked on Predictive Data Analysis using Pivot tables, VLOOKUP, HLOOKUP, Excel Macros.
* Data Profiling, Binning, Normalizing coming from inhouse tools including tempo and beacon.
* Build Business Intelligence project life cycle with building Nucleus reporting to understand the business needs
* Responsible for new hire engineers, training processes and supervising the technical growth and KT session.

**Constalytics, India** Jan2018-July2018

**Data Analyst Intern**

* Collection of Data set of 2lakh images from Google Earth.
* Labeled dataset using inhouse automating tools and advance excel
* Trained the dataset using tenser flow for poets to predict different terrain of lands

**PROJECTS**

* **Predicating Economical and Happiness Index of 150+ countries:** Build Multi-Linear regression and Time series model on dataset of 100k rows. Perform transformation (Log, Inverse) to improve dataset adequacy. Resolve problems like multicollinearity. Applied backward, forward and step-wise elimination to determine best accuracy of 91%.
* **Weather Prediction using Data Mining:** Built Classification Model using Naïve Bayes and Random Forest Algorithms on dataset of 600k rows. Perform data cleaning and fill missing values using different techniques such as forward fill and mean value fill. Used correlation as a tool to discover meaningful insights in Data and get a accuracy of 93%.

**SKILLS**

* Analytics and Visualization: Tableau, R, Excel, JIRA, A/B Testing, Google Analytics
* Machine Learning/Statistics: Hypothesis testing, Correlation Regression Model, Random Forest, KNN
* Programming Language: Python, R, DBMS
* Databases: SQL Server, MS SQL, MS-EXCEL
* Programming Tools: Jupyter Notebook, R Studio, SQL Developer.

**CERTIFICATIONS & PROJECTS**

|  |  |
| --- | --- |
| * IBM Certification -Data Analysis with Python, Texas. | Jan2020 |
| * Open Data Science Conference (ODSC), San Francisco. | Nov2019 Nov2019 |
| * Stanford University -Machine Learning by Andrew NG | Jan2021 |
|  |  |
|  |  |