ANSHU SINGH

Tableau certified and Proficient in Python, Power BI, SQL, Excel, ML, Data Visualization and Story Telling.
Excited to learn new technologies and analytical methodologies relating to business intelligence and data analysis
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EDUCATION

• **MS in Computer Science (Data Science) | University of North Carolina at Charlotte (3.9/4.0)** **May 2020**
Relevant Courses: Business Intelligence and Analytics, Advanced Business Intelligence, Visual Analytics
• **B. Tech in CS | College of Technology and Engineering** **Jun 2016**

SKILLS

Programming and BI tools: Power BI, Tableau, SQL, Python and libraries (matplotlib, pandas), R Programming.
Tools: Asana, Anaconda, Microsoft SQL Server , RStudio, Excel, Microsoft Azure, Trello, Slack, git
Modelling: classification, clustering, regression analysis, predictive modeling, Text Analytics
Statistics: Statistical Hypothesis tests (e.g. A/B tests), ANOVA, Chi-Square test, T-test, p-value, statistical methodologies
Soft skills: Self-starter, motivator, constantly evolving, great story teller, time management, love meeting new people.

EXPERIENCE

Machine Learning Project Lead, Stem Away **Jul 2020 - Present**
• Leading a team of 14 for web scraping and implementing the recommendation system using ML models.
• Conducting regular meeting through slack, managing Asana for scrum for better communication and productivity.
• Break down the problem and make decision on the basis of data with a goal-oriented approach.

Data Analyst, Haute Baby **Jun 2020 – Present**
• Creating and maintaining the dashboards in Power BI for analyzing KPI metrics and improving the Business Model.
• Analyzing the market trend, finding pattern for customer segmentation, and forecasting the predictions.

Data Scientist, Arthmetis, Charlotte NC USA **Jun 2019 – Aug 2019**
• Extract data, transform and load process including data cleansing and quality review.
• Using Microsoft Azure, achieved 81.6% accuracy with Data Model using Python libraries and Machine learning models.
• Scored data via API, integrated the model, and created a deployment environment in Azure saving 50% of the time.
• Collaborated with stakeholders to define data collection and requirements and establish clear business understanding.
• Generated insights to support business decisions using advanced analytical techniques.

Project Engineer, Wipro Technologies **Jun 2016 – Jun 2018**
• 15 % reduction in late billing using predictive analysis and dashboards for Customer billing and Optimization.
• Created Algorithm using python for customer bills and payment history automating the process of billing and payments.
• Analyzed customer's billing info using SQL and Python to create dashboards detecting Unused accounts and reasons.
• Attained a 60% improvement in report completion time by automating the reports.

PROJECTS

Power BI and Tableau Dashboard for Analyzing Data
• Created Live Dashboard for visualizing Corona Virus Live update daily for countries using Power BI saving time. link
• Found yearly pattern and relation between law and gun incident happening and suggestion to lower the crime rate.

Cluster Analysis for Orthopedic Material Sales
• Identified potential hospitals to increase sales using PCA, K-means, DBScan and Hierarchical clustering in RStudio.
• Cluster1 is chosen as the target clients for future sale (using R libraries) which will increase profit by 20%.

Text Analysis to find reason behind Mental Disorder in R
• Tokenize and Stemmed the texts, Visualized frequent words and created work cloud using sentiments(+ve/-ve).
• Clustered common topics using topic modeling and LDA showing the main reason behind it and ways to improve them.

Predicting Gun Violence in America
• 74.6% accurate fatal prediction using SVM, Linear Regression and Random Forest concluded by H2o and R.
• Cleaned Data sets with feature extraction and created Shiny visualization suggesting ideas to curb such future situation.