ANSHU SINGH
Email | LinkedIn | GitHub | Tableau

EDUCATION

• **University of North Carolina, Charlotte**   **May 2020**
Master's in Data Science | GPA: 3.9
• **College of Technology and Engineering, India**   **Jun 2016**
Bachelor of Technology in Computer Science | GPA : 4.0

SKILLS

Programming and BI tools: SQL, Python (pandas, NumPy, analysis, predictions), Tableau, R, PowerBI, Excel.
Tools: Asana, JIRA, Anaconda, Microsoft SQL Server , RStudio, Microsoft Azure, Trello, Slack, git.
Machine Learning : Regression, Classification, Tree-based Models (Random and Decision Tree), SVM, Text Analytics.
Statistical Method: Hypothesis testing, ANOVA, Chi-Square test, T-test, p-value, A/B testing.
Other Relevant Skills: Storytelling, presentation, time management, problem-framing, Agile process.

EXPERIENCE

Growth Data Analyst, Perkfix   **Sep 2020 - Present**
- **Gathering data** from web page, **analyzing** them and **building dashboards** for market analysis on MixPanel.
- Predicting the pricing plan and business plan for growth while helping product team to build new features.

Data Analyst, Haute Baby   **Jun 2020 – Sep 2020**
- Initiated building a **PowerBI** dashboard for market analysis reducing manual computing by **70%.**
- Extracted, interpreted and **analyzed data** to identify key metrics and transform raw data into actionable information.
- Evaluated market analysis using **SQL** and **dashboards**, increasing the product sale by **15%**.
- Presented **reports** and analysis to the business team in order to improve strategies and operations.

Machine Learning Project Lead, Stem Away   **Mar 2020 – Jun 2020**
- Evaluated the web scraping process using Beautiful Soup and Selenium and scraped **80%** of the information.
- Handled the data cleaning and created ML model (**Random Forest, BERT, tf-idf**), resulting in **85%** AUC.
- Administered the project planning for a team of 14 people using **Asana** and **Slack** evaluating day to day work.
- Delivered the Recommendation System to the company reducing topic search time by **25%**.

Data Scientist, Arthmetis   **Jun 2019 – Aug 2019**
- Analyzed data using **Python** while cleaning it for accurate modeling process.
- Produced predictive models using ML models (**Linear, Logistic, SVM, Random**) completing with **83%** of accuracy.
- Created a deployment model on **Microsoft Azure** using scored API saving **20%** of the time.
- Tested and supported the final deployment while presenting the findings to the client.

Data Analyst, Wipro Technologies   **Jun 2016 – Jun 2018**
- Worked with the business and functional team to analyze the client's requirements.
- **Analyzed** the historical data for the late billing incidents and track the outliers.
- Improved the existing dashboard using **Excel** and **Tableau** in order to provide better business insights to the client.
- Built batch algorithm and scripts using Java and **SQL** to automate the billing cycle reducing the manual time by **30%.**

PROJECTS

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 USA
• Used Classification models for **predicting fatalities and Mass shooting** using Boruto with **85% of AUC**.
• Created ML models – Extreme Gradient Boosting, **Logistic, Random Forest, Decision Tree and Cross-validation.**

Cluster Analysis for Orthopedic Sales
• Used **K-means, Hierarchical clustering and DBSCAN** to find the right group of clusters of companies for sale.