ARJIT SAKHUJA
Austin, TX 78702
linkedin.com/in/arjit-sakhuja
(682) 407-4652
arjit@iamecon.com

EDUCATION
Master of Science in Business Analytics, The University of Texas at Arlington   *Jan 2017 – Dec 2018*
Bachelor of Technology in Electronics & Communication Engineering, Guru Nanak Dev University   *July 2012 – May 2016*

TECHNICAL SKILLS
Programming Languages	Python (Pandas, Numpy, Scikit-Learn, Nltk), R, SQL, PL/SQL
Databases	MySQL, PostgreSQL, MongoDB
Tools	MS Excel, Tableau, Jupyter Notebook, Apache Spark
Clouds	AWS
Certifications	Tableau Desktop Specialist, Datacamp Data Scientist With Python Track

WORK EXPERIENCE
Intelligent Analytics and Modeling, Austin, TX
Data Analyst / Statistician   **March 2019 – Present**
- Used APIs and built ETL pipelines to compile, clean and merge data from multiple data sources for a national animal rights non-profit. Further used Tableau viz to extract insights and presented results to executive leadership. This project enabled the non-profit to more rapidly identify potential animal abuse.
- Facilitated the development of econometrics models to estimate monetary damages in antitrust and patent infringement cases.
- Lead development of and coded Machine Learning algorithm in Python for federally funded research project to extract insights from the unstructured text data to conduct published policy analysis.
- Compiled and analyzed data from the Texas Secretary of State and Comptroller's Office API on rural Texas entrepreneurship for UT IC2 institute to facilitate research on rural Texas entrepreneurship.

University of Texas at Austin, Austin, TX
Research Assistant   **June *2019 – Aug 2019***
- Build an information retrieval application to extract financial data from unstructured data using Python.
- Analyze and extract financial metrics for the companies using Bloomberg Terminal and MS Excel.
- Prepare a database of federal patent infringement cases to justify declared lost profits.

ACADEMIC PROJECTS
Capstone Project for Aflac   *Dec 2018*
Scraped the tweets, reviews and comments from Twitter, Glassdoor & Reddit respectively to perform sentiment analysis for Aflac's products and services and understand the reasons behind the negative and positive sentiments using topic modeling. Finally, compared the results of social media analysis of Aflac with those of its competitors like Allstate, Cigna, MetLife, etc. to make recommendations to Aflac's Vice President of Customer Analytics and Infrastructure

Marketing Analytics   *July 2018*
Analyzed the performance of acquisition channels, estimated customer value for each channel, studied KPI's like conversion rate, cost of acquisition, revenue etc. and finally, predicted the sales based on features like price, payment method, product attributes, customer location etc. using regression.

Retail Sales Prediction   *May 2018*
Performed exploratory analysis and studied the effect of variables like fuel price, temperature, consumer price index, etc. on regional sales using time series and correlation analysis. Developed ARMA and exponential smoothing models to forecast weekly sales using R.

A/B Testing   *Sep 2017*
Conducted A/B for an e-learning platform to test the assumption that segmenting students based on their study time commitment would improve the overall experience and increase the number of students paying for the course at the end of the free trial.