Aman Manawat [aman.manawat@uconn.edu](mailto:aman.manawat@uconn.edu) | [Portfolio](https://amanmanawat.com)

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# Education:

**University of Connecticut School of Business, Hartford, CT Dec 2019**

Master of Science, Business Analytics and Project Management CGPA: 3.73/4

**Coursework:** Statistics, Predictive Modelling, Data Mining, Python, Data Visualization/Reporting

**Teaching Assistant:** Business Process Modelling and Database Management

Vellore Institute of Technology, Vellore, **TN, India May 2016**

Bachelor of Technology in Computer ScienceGPA: 8.64/10

# skills:

**Languages**: R, SQL, Hive, HBase (NoSQL), Python, UNIX Scripting, Shell, SAS

**Databases:** Hadoop, Oracle 11g, Microsoft SQL Server

**Tools:** Tableau, Microsoft Excel, Jira, Visio, SAS JMP, R Studio, SharePoint, MS Project, PowerPoint, MS Office Tools, SAS Enterprise Miner, Google Analytics, Jupyter Notebooks, GitHub, Autosys, Putty, Talend, PowerBI

**Statistical Analysis:** Clustering, Hypothesis Testing, Linear Regression, Logistic Regression, Dimension Reduction, Data Cleaning, Data Mining, Segmentation, Customer Analytics, Web Analytics, Text Analysis, Time Series, ggplot2, pivot tables, MapReduce, Market Basket Analysis, ETL, Strategy Analytics

# EXPERIENCE:

**Equifax – Analytics and Consulting Intern May 2019 – Aug 2019**

* Designed enterprise data warehouse architecture for Performance Analytics reporting across Equifax
* Eliminated manual intervention by developing scripts in SQL to extract/clean data, implement business rules and perform complex metric calculations, saving 10-Man hours per week
* Increased planning efficiency of teams by 27% by developing regression model in SAS to predict the project risk
* Devised Tableau dashboard to track productivity, predictability and agility of agile teams, improving delivery efficiency by 37%

**Connecticut Education Network (UGC) – Analytics Consultant Sep 2018 – Apr 2019**

* Spearheaded team of 4 consultants to re-engineer marketing analytics project, for an internet service providing client, CEN
* Enhanced website traffic using Google Analytics, A/B testing by 63%
* Analyzed customer subscription patterns using clustering machine learning techniques in R, maximizing profits by 5%

**ZS Associates - Data Analyst Apr 2017 - Apr 2018**

* Delivered drug sales insights for effective Sales Force Planning of 4000+ Sales Representatives through Business Intelligence Reporting using SQL, Hadoop, Hive, Excel and MicroStrategy for a leading Pharmaceutical Company
* Led the development of Sales Force Execution dashboards to measure call plan KPI’s for 3 therapeutic areas across US geography, increasing marketing efficiency by an average of 14%
* Successfully launched new drug into the US and PR market by assisting clients’ brand and market access team in developing optimal sales force size and call plan for promotion
* Decreased runtime of Hadoop clusters by 25% on optimizing legacy codes, leading to weekly delivery of Sales Force reports from once in two weeks, assisting in renewal of $30M 5-year reporting contract from client
* Built zero-click quality assurance system in SQL, HTML and CSS, to cut time by 87.5% and improve reporting accuracy to 94%
* Trained 15+ team members in SQL, Business Intelligence and process improvements capabilities

**Ford Motor Company - Data Analyst (FCG) Jul 2016 - Apr 2017**

* Coordinated with over 25 executive stakeholders and cross-functional teams for business and data requirements elicitation
* Reduced turnaround time to 6 hours from 3 days by developing an ETL tool in Python, automating data flow to Hadoop clusters from disparate database sources like Oracle, Microsoft SQL Server, Teradata, etc.

# PROJECTS:

**Claim Analytics |** Ranked among top 5 teams in the Travelers analytics challenge. Ensemble the result of different classification models to detect fraud insurance claimed by customer. Achieved AUC of 75% against benchmark of 72% on applying feature engineering and SMOTE technique in R

**Revenue Forecasting |** Applied stratified sampling and explored in Tableau factors affecting the revenue of Google Merchandise Store (GStore). Forecasted revenue using Boosted Trees, having test error rate lower than that of the Benchmark model in Python

**Sentiment Analysis |** Analyzed tweets of 6 different US Airlines by applying SVM in Python to understand the sentiment of users

# AWARDS

* Received **Opscars Global Award** at ZS Associates for excellence in process improvements and optimizations