

# Abishek Ganesh

682-320-1019 | abishekganesh72@gmail.com

linkedin.com/in/abishekganesh18 | github.com/abishekganesh72 |  
https://public.tableau.com/profile/abishek.ganesh/

## Education

---

### Master of Science in Information Systems

May 2018

University of Texas at Arlington, Arlington TX; GPA: 3.82

### Bachelor of Engineering in Information Technology

May 2015

SIES Graduate School of Technology, Mumbai India; GPA: 3.60

## Skills

---

**Programming:** Python (Pandas, Numpy, Matplotlib, Tensorflow, SkLearn, seaborn, Beautiful Soup, Textblob, Networkx) R, Spark, Bash, Java, Javascript, Git, JIRA, Selenium, SQL, NoSQL.

**Algorithms:** LDA (Latent Dirichlet Allocation) Model, NMF (Non-negative Matrix Factorization), Linear Regression, Decision Trees, Random Forests, ALS (Alternating Least Squares).

**Tools:** Tableau, VOSViewer, UCINET, Google Cloud Platform, MS Office, Z-tree, MongoDB.

## Work Experience

---

### Graduate Teaching Assistant, University of Texas at Arlington, Texas

May 2017 – PRESENT

- Work on multiple research studies in statistical modeling and data analysis and ran behavioral experiments.
- Worked on scraping data from 10k pages to collect economic data for Research
- Evaluate homework, test and held office hours to ensure students understood course concepts.

### Software Developer, Persistent Systems, India

Jan 2016 - Aug 2016

- Upgraded client's legacy system to the latest technology to improve the response time by 70%.
- Led initiative to automate testing, resulting in shorter development cycles.
- Identified key bottlenecks in client's system and recommended solutions to improve performance.

## Key Projects

---

**Social Media Analytics:** Analyzed peoples' sentiment on president Trump's policies using tweets, analyzed the reaction by modeling and visualization techniques.

**Churn Prediction:** Predicted customer churn based on the past service incidents, and identified the key factors affecting the churn rate. And suggested the time frame to approach customer to get an increase of acceptance of contract extension by 60%.

**MSNBC's Clickstream Data Analysis-Recommendation System:** Analyzed the clickstream data for MSNBC for 1 million users and reported various metrics which was used to improve the user experience. Used the analysis to create a recommendation system to suggest content based on user interests.

**Sales Data Analysis:** Predicted sales for a company by identified key trends in spending on rebates and advertising. Modeled sales prediction and recommended solutions to improve sales.

**Pokémon Go! Analytics:** Predicted the popularity of the game on a given date using data from Google Play store and Apple App-store. Analyzed the screenshots using Deep learning to find insights on popular playing locations.

**Social Network Analysis of Cybersecurity Journal Data:** Identified the change in the ideas in cybersecurity for the last 25 years using text mining and Social network analysis. Understood the key trends in cybersecurity and how different ideas are used in cybersecurity over the years.

**Anime Recommender System:** Built a system to suggest anime to the users-based user viewing history and similarity of content on data from myanimelist.net, a popular source for anime content.

## Other Activities

---

- Taught 40 students as a teacher volunteer in the Salvation Army.
- Board Member for Society of Human Resource Management (SHRM) - successfully raised 150% of the budget for event, lead recruitment for new members.
- Volunteered for ECOFest 2016, an event promoting environmental awareness in north Texas.
- Web-designing head, created publicity material and website for Techxter, annual national technical conference in 2015.
- Headed event planning and budgeting for International Conference on Green Computing and Technology in 2014.