

# Akash Bhargava

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## SUMMARY

Skilled data analyst with experience in Python, R, and SQL, as well as cloud and BI tools like AWS, Azure and Tableau [ [Link to dashboard](#) ].

## EDUCATION

University of Texas at Dallas  
MS in Business Analytics & GPA - 3.5  
Member of Data Science Club

Dallas, TX / USA  
Aug '2021 – May'2023

## PROFESSIONAL EXPERIENCE

**University of Texas at Dallas**  
*Student Worker - Information Security Office*

Dallas / USA  
Feb '2023 – Present

- Developing reports and PowerPoint templates to report security topics to a variety of audience.
- Working on Software Development using Java, Python and on configuration of tools.
- Collaborating with cross functional teams to gather and understand business requirements and translate them into analytical insights.
- Identifying vulnerabilities in servers and web applications.

**Asha Electronics Pvt Ltd**  
*Data Analyst*

Mumbai, MH / India  
Dec '2019 – Aug'2021

- Analyzed and interpreted large datasets to identify trends and patterns and used findings to inform business decisions.
- Trained and mentored junior team members on data analysis techniques and tools
- Built and automated dashboards for teams to react immediately to failure points in operations pipeline (permitting, inspection, installation) and improved customer satisfaction by 15%, communicating closely with field managers by subjecting them to continuous tracking
- Gathered, examined, and presented data findings to organization executives that led to a 10% reduction in process failure eventually leading to leaner manufacturing

## PROJECTS

**Banking Application | Python, AWS Sagemaker, S3 [Github]**

- Created a notebook instance, S3 buckets, Uploaded files in S3, Analyzed Bank Data.
- Trained and deployed Xgboost Algorithm and predicted test data endpoints.

**Financial Analysis of Company at HEC Paris | Python, Numpy, Pandas, MySQL**

- Gathered, organized, and cleaned data; Used Scraping tool like BeautifulSoup to scrape data from web.
- Conducted statistical analysis using tools such as R and SAS to support data-driven decision making.

**Airline Ticket Price Analysis | Python, BI [Github]**

- Scraped data performed data analytics using python and made a Power BI Dashboard.
- Aimed to answer questions like no. of flights available, Ticket availability from diff classes, Prices etc.

**Spotify – Data Analysis | Python, ML [Github]**

- Analysis and clustering of popular songs and their attribute's using Spotify API was done 10% faster.
- The songs were collected and arranged as per numerical features provided by Spotify and grouped as per similarity.

## ADDITIONAL

**TECHNICAL SKILLS:** Python (Pandas, numpy, scikit learn), SQL, R(dplyr, ggplot), JavaScript, Unity, AWS Sagemaker, AWS Cloud, Azure Data, Google Analytics, Power BI, Microsoft office-Excel, Tableau, Snowflake, Git, Visual Studio

**CERTIFICATIONS:** AWS Cloud Practitioner, Google Analytics 4, AWS Sagemaker, Alteryx Data Analytics, JPMorgan Virtual Internship, IBM Applied AI (Professional Certificate), IBM AI Engineering (Professional Certificate), IBM Applied Data Science (Professional Certificate), (MIT): Principles Of Microeconomics, (MIT): Mathematics with Application in Finance)