# AAKANSHA GOYAL

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## SUMMARY

Creative and Innovative **Data Analyst** with **7+ years** of experience in the data analysis & visualization. Strong communicator with the ability to present complex data in an easy to understand manner.

## EXPERIENCE

### Data Analyst | Open source contributor - Toronto, Canada
OCTOBER 2022 – PRESENT

- Analyzed different data sets and utilized **Python** for exploratory data analysis.
- Used python libraries S**cikit, Matlotlib, Pandas, Seaborn** to clean and visualize the data
- Utilized **Tableau** for data visualizations and analysis.
- Used **Regression mode**l techniques to predict missing data.
- Hands on experience with **Git, BitBucket.**

### Senior Data Specialist | Rackspace Technology - Gurgaon, Haryana, IN
APRIL 2021 – DECEMBER 2021

- Built the data reporting infrastructure from scratch using **QlikSense** and **BigQuery** to provide real time data insights.
- Utilized **Tableau** for data visualizations and analysis.
- Extensive experience with writing complex **SQL Queries &** building various **data quality checks.**
- Migrated existing **Power BI** dashboards to **QlikSense** using BigQuery.
- Prepared reports on the SLAs and ticket response times that were used to initiate change from the support teams and leaders.
- Experienced in developing solutions throughout the **SDLC** and structured methodology.
- Produced conceptual and logical data models to visualize different sets of data.
- Experienced with working in an agile delivery methodology with hands on experience with **JIRA, Confluence, BitBucket**.

### Senior Data Analyst | American Express - Gurgaon, Haryana, IN
JULY 2019 – APRIL 2021

- Generated reports on a monthly basis using **SAS/Tableau/Excel.**
- Conducted exploratory data analysis by using **Numpy, Matplotlib, Seaborn, Pandas.**
- Organized, extrapolated and disseminated data across departments to be used for drawing conclusions about the success of current methods.
- Identified scenarios which helped leadership teams to visualize the holistic view of detailed reports.
- Increased efficiency by creating pivot tables using **advanced excel and lookups**.

- Analyzed data by using **Hive** queries & tables to prepare reports.
- Created dashboards with quick filters, parameters and sets to handle views more efficiently in **Tableau**.
- Prepared effective **presentations** and reports to provide management with a clear and comprehensive view of the business.
- Reviewed monthly financial write-off statements and reconciled actual results versus projected results.

## Data Analyst | Aon - Gurgaon, Haryana, IN
NOVEMBER 2017 – JULY 2019
- Worked with clients to understand business needs and translate those needs into actionable **Tableau** reports, saving 10 hours of manual work each week.
- Created visually impactful dashboards in **Excel** and **Tableau** for data reporting by using **pivot tables** and **VLookup**.
- Helped business to make organizational decisions by analyzing various datasets.
- Worked with cross functional teams to collect, organize and interpret different datasets.
- Performed data validation by writing SQL queries.
- Identified and eliminated potential incidents by analyzing historical data.

## Program Analyst | Cognizant Technology Solutions - Bangalore, Karnataka, IN
APRIL 2015 – NOVEMBER 2017
- Assisted superiors with interpreting data and compiling it in an organized manner.
- Extracted, interpreted and analyzed data to identify key metrics and transform raw data into meaningful, actionable information.
- Presented detailed reports each quarter to upper management alongside my supervisor.
- Developed reports using various **SAS** procedures
- Performed data manipulation with the help of **Advanced Excel** skills V- Lookup, H- Lookup, Pivot Table, Data validation, Consolidation and different SAS procedures.

# TOOLS

- Tableau
- QlikSense
- Python - Pandas/Numpy/Seaborn
- JIRA
- Confluence
- SQL Server
- HIVE
- Advanced Excel
- SAS
- BigQuery

# EDUCATION

## PG Certificate Program in Project Management| Loyalist College, Toronto
JANUARY 2022- AUGUST 2022
## Bachelors in Technology (Computers Science) | UPTU, India
AUGUST 2010 – JUNE 2014