

Data Enthusiast

Gurugram, Haryana +91 7983047963 arpittguptta@outlook.com



#### **ABOUT**

Analyst with a strong foundation in data analysis, statistical techniques, and data visualization. Adept at extracting meaningful insights from data to support informed decision-making. Eager to apply academic knowledge and contribute to data-driven solutions in a professional setting. Proficient in tools such as **Python, R, SQL,** and data visualization - **Tableau, Power BI**. Familiarity with cloud-based data storage and processing - **AWS, Azure, Google Cloud**.

#### **KEY SKILLS**

Python, SQL, Excel, Power BI, Tableau, Alteryx, Statistics, Data Analysis, Relational databases, Dashboards, Data Visualization

#### **PROFESSIONAL EXPERIENCE**

Amdocs Development Center, India — Software Engineer Associate

September 2022 - PRESENT

- Conducted **Statistical /Defect /Root Cause Analysis** to extract valuable insights from complex datasets, driving data-informed decision-making within the organization using Python, SQL, Linux & other analysis tools and strategies.
- Lead the team in billing operations to deliver high-quality products. Delivered 13+ automation to accelerate business processes.
- Assessed large volumes of structured and unstructured data to identify trends, patterns, and correlations. Interpreted findings to provide
  actionable insights, facilitating data-driven decision-making within the organization.
- Collaborated with cross-functional teams to develop and implement data-driven strategies, resulting in a measurable improvement in operational efficiency and cost reduction.

#### Highradius Corporation — Full Stack Intern

June 2021 - May 2022

- Delivered 7+ applications, developing multiple modules as per Customer requirements.
- Worked on machine learning models leveraging various modelling techniques such as linear regression, random forest etc.
- Unit testing and integration testing of owned use cases to improve quality and deliver quality work product.
- Estimation, design, and development of modules including Regression ML models.

#### **PROJECTS**

#### **Telefonica Argentina** — Amdocs

- Demonstrated time reduction of 18% of billing operations by leveraging data-driven insights to find and fix defected data while upholding data quality.
- Demonstrated Expertise, by delivering 13+ in automations of manual tasks through development and implementation of efficient Shell Scripts.
- Conducted rigorous data quality assessments, data cleansing, and data validation to ensure the accuracy and reliability of information used for critical business operations.

### **Highradius Invoicing** — Highradius Corporation

- Accomplished successful delivery of 7+ applications, exhibiting expertise in designing, estimating, and developing multiple modules.
- Developed a Prediction model with an accuracy of 96% Payment Date while using machine learning algorithms such as Random Forest, enabling better insights in client's payment behavior.
- Engaged in continuous maintenance activities, ensuring smooth functionality, and enhancing the overall user experience.

# Covid Exploratory Analysis $\mathscr{S}-Portfolio$

- Executed **complete data** workflows involving **collection, cleaning, analysis, and visualization** with utilization of Kaggle for datasets, SQL for management, and Tableau for presentation and visualization.
- Leveraged SQL queries to analyze and extract COVID-19 data, generating crucial metrics on infection rates, fatalities, and vaccination trends for insightful regional insights.
- Computed detailed statistics on total cases, fatality ratios, and population-affected percentages, providing comprehensive analytics on the pandemic's geographical impact.

## Nashville House Pricing $\mathscr{S}-Portfolio$

- Performed comprehensive data workflows, covering collection, cleaning, analysis, and visualization using Kaggle for datasets, SQL for management, and Tableau for visual representation.
- Analyzed housing data trends concerning factors like bedrooms, age of structures, and occupancy status, revealing patterns in average selling
  prices.

• Explored price variations over different years, offering insights into the market fluctuations and housing sales dynamics.

# Box Office Insights: Earning Analysis &— Portfolio

- Analyzed a movie industry dataset from Kaggle, using Python libraries like Pandas, Matplotlib, NumPy, and Seaborn for data cleaning and
  exploration.
- Discovered a strong correlation between budget and gross earnings, focusing on the relationship's impact on a movie's success.
- Identified top-performing movies based on their profit percentages concerning the budget, visualizing these relationships through various plots.
- Unpacked the correlation matrix to reveal highly correlated attributes and highlighted movies with the highest profit percentages through bar plots.

### **EDUCATION**

Bachelor of Engineering (Hons. Cloud Computing) | CGPA: 7.1 Chandigarh University, Mohali

July 2018 - June 2022

Higher Secondary Certificate | CGPA 6.8 Khalsa Public School, Saharanpur April 2017 - June 2018

#### **CERTIFICATIONS**

- Google Data Analytics
- AWS Cloud Technical Essential
- The Joy of Computing Using Python
- Mastery Cloud Application developer
- SQL MySQL for Data Analytics and Business Intelligence
- Alteryx 2023: The complete Alteryx course for all levels

## **SKILLS**

Python, SQL, Excel, Tableau, Pandas, R, Alteryx,
PowerBI, Data visualization, Statistical analysis,
Data warehousing, Database management, Dashboard,
Business intelligence, PL/SQL, ETL, Data Warehouse, Data Modelling,
Google Cloud Platform (GCP), Jupyter Notebook, Google Big Query, Data cleaning,
A/B testing, Git/GitHub, C/C++, Ext Js, Linux, HTML/CSS,
JavaScript

#### **AWARDS**

- Medal, District Level Current Affairs
- Bronze, Inter-department Football Tournament.
- Perform Foundational Data, ML, and AI Tasks: Google Cloud.

## **INTERESTS**

- Photography
- Problem Solving
- Fitness
- Travel

# **LANGUAGES**

- English
- Hindi