

ABHIJIT GOKHALE

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KEY SKILLS & QUALIFICATIONS

- **Programming Languages:** R, Python, and SQL.
- **Software:** R-Studio, Jupyter Notebook, Microsoft SQL server, Microsoft PowerApps, Azure Data Studio, Informatica PowerCenter, Informatica BDM, Netezza SQL, Ambari HiveQL, MS Word, MS Excel, MS PowerPoint, Draw.io, Jira.
- **Data Science Methodologies:** Null Hypothesis Testing, Student-t Test, Bayesian analysis, ANOVA, MCMC Analysis, Chi-Square test, Linear Regression, Logistic Regression, Support Vector Machine learning, PCA, LDA, t-SNE, Association Rules, Clustering, ETL Development, Database Management, Structured and Unstructured data analysis, Deep Learning, Time Series Analysis, Power BI.

EDUCATION

SYRACUSE UNIVERSITY, SCHOOL OF INFORMATION STUDIES, SYRACUSE, NY, USA

Jan. 2021 - Dec 2022

Master in Applied Data Science (GPA: 4)

- Relevant Courses: Quantitative Reasoning for Data Science, Introduction to Data Science, Database Management

MUMBAI UNIVERSITY, SARDAR PATEL INSTITUTE OF TECHNOLOGY, MUMBAI, INDIA

July. 2012 - May 2016

Bachelor in Electronics Engineering (GPA: 3.3)

EXPERIENCE

SYRACUSE UNIVERSITY, SYRACUSE, NY, USA

Sept 2021 – Dec 2021

Faculty Assistant

- Assisting professor for **IST 687 coursework: Introduction to Data Science** in creating lab and homework solutions.
- Helping students to resolve **lab and homework queries regarding R, R-Studio**; and reporting the student responses to the professor.

ACCENTURE, MUMBAI, INDIA

Dec 2016 – August 2020

Application Development Analyst

- Worked with ‘**US based Energy Production**’ client for **HR and Finance modules** and ‘**US/EU/Asia based pharmaceutical**’ client to store their data into DW by developing, testing and enhancing around **80+ ETL jobs**: - extracting raw data (.csv, .txt, .xlsx, DBs) into Informatica and then applying data transformation methods for specific data results and maintaining data and structural integrity approved by business requirement, using Informatica PowerCenter and BDM environments.
- **Resolved and Deployed 80 Jira issues** linked to client requests while accounting to **0 SLA issues for critical and high tickets**.
- Developed **R language script** to handle the columns with decimal numbers and 'date-month-year' columns.
- Handled the ETL backups (Technical Checkouts) in **Dev, Test, QA, QASUP, TestSUP, Prod** before respective server refreshes.

ACADEMIC PROJECTS (SYRACUSE UNIVERSITY, SCHOOL OF INFORMATION STUDIES)

1) **Objective** – Advising the steps to improve **vaccination rates in the California School Districts** based on **statistical analysis** and **trends**.

- Implemented and presented statistical analysis report with **~95% accuracy** incorporating unbiased data along with **time series, exploratory, descriptive, and inferential statistical data analysis of 1000 observations** to understand the underlying correlation and confirming the results obtained with numerous tests and recommended important factors to be focused on to increase the total vaccinations in California Districts which are lacking.

2) **Objective** - Recommending **European Hotel Business where to expand, in City Hotels or Resort Hotels** for the better revenue generation by presenting statistical analysis report incorporating the most important factors affecting the **Average Daily Rate (ADR)**.

- Executed exploratory, descriptive, and inferential statistical analyses, on **City hotels data of 80000 and resort hotels data of 40000 observations**, and showcased **test results with 95% accuracy in the statistical analyses report** confirming the possible traits in data and recommended important factors to increase the average daily rate (ADR) based on current business model.

3) **Objective** - Building informative user-friendly **Soccer application in Microsoft PowerApps**, for companies or managers to bid on soccer players.

- **Implemented and developed the Microsoft SQL server DBMS using Azure** by incorporating the business functional design with **E-R requirements and diagram to build conceptual and logical data model** to create **frontend Microsoft PowerApps application** to bid on a soccer player of choice with **20 to 30 obs. on avg in 11 SQL tables and 16 views as backend**.

PERSONAL DATA SCIENCE PROJECTS (Regression: Linear and Logistic, Web Scrapping, Deep Learning)

CERTIFICATIONS (Stored at GitHub)