

SHIVAM SEHGAL

C O M P U T E R S C I E N C E E N G I N E E R

SUMMARY:

Optimized existing ad-hoc queries which had been querying Gigabytes and Terabytes of Data to improve efficiency, automate repeatable tasks and reduced the query cost on Google Cloud Platform.

CORE SKILL:

Technical:

Programming Languages: C++, Core Java, Python, R, JavaScript

Databases: Oracle, Mysql, MongoDB, Big Query

Big Data Ecosystems: Hadoop, Spark Core, Spark Sql

BI Tools: Tableau, Excel, Jupyter

Deployment: Google Cloud Platform.

IDE: Eclipse, Rstudio, Spyder, Visual Studio Code

Soft Skills:

- Trained in oral communication and Story Telling.
- Good in presentation skills and working in Teams of minimum 6.

CONTACT INFORMATION:

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Kaggle: <https://www.kaggle.com/shivam546/kernels>

Github: <https://github.com/shivamMahi?tab=repositories>

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RECENT PROJECTS:

ZOMATO RESTAURANTS ANALYSIS JUNE 2020 - JULY 2020

Technology: Python, Spark, Jupyter

- The Datasets consists of 51717 rows and 17 columns and the analysis follows the DS **pipeline** upto **EDA** and **Visualization**.
- The customer can decide which restaurant is best if he desires to shop for meals online/offline restaurants based on parameters like city, budget, type of cuisines, reviews, ratings and more.
- Information related to various cities holding top 10 restaurants with respect to top 10 selling cuisines, dishes and more are also there.

NAUKRI.COM JOB ANALYSIS MAR 2020 - APR 2020

Technology: Python, Spark, Mysql, Tableau, Jupyter

- The Datasets consists of 22000 rows and 7-8 column each and was stored in Mysql Database.
- **Data Cleansing** was done using PySpark and last blended table was saved in Mysql and local storage in **Parquet** format.
- **Pyspark** Jobs were run in **Optimized** way which offers **Business Insights** approximately how marketplace is progressing and the manner a Job Seeker need to technique to get a Job.
- **Visualization** of Insights are done using Tooltip, **Dashboards** and Stories in **Tableau** via connecting to **Mysql**.

WORK EXPERIENCE:

BI ANALYST (INTERN)

Sears Holding India | June 2019 - August 2020

Store Performance Analytics (Nov 2019 - May 2020)

Technologies: Sql, Google Cloud Platform, MongoDB, Mysql, Angular 8, Typescript, NodeJs, Gitlab.

- Project gives the overview of **store performance** over the years in terms of revenue, sales, gross-margin and more.
- My part was to create and **optimize** the **Sql queries** fetching data from **BigQuery** and **MongoDb**.
- Retrieved data from BigQuery in **API** in form of **JSON** and **parsing**, binding that to website in form of tables and charts.

EDUCATION:

LOVELY PROFESSIONAL UNIVERSITY 2016 - 2020

Bachelor of Technology (B.Tech)

Current CGPA : 8.86

Ex Member of Echo Club.

Achieved Participation Certificate in Google Dev Fest.

KV AFS BEGUMPET, HYDERABAD SCIENCE 2016

XII (SENIOR SECONDARY)

Percentage : 80.10%

CERTIFICATES:

- Achieved **Tableau Analyst** Badge from Tableau.
- Earned **GCP Certificate** from Google Cloud (Coursera).
- Received John Hopkins Data Science Certification with R.
- Achieved Data Processing Specialist. (Aspiring Minds)
- Accomplished Big Data Hadoop Certification. (Dataflair)
- Awarded Oracle 12C Certificate. (Naresh IT)

EXTRA-CURRICULAR ACTIVITIES:

- Participated in Indian Entrepreneurship Congress 2019 at LPU.
- Participated in 5km run competition held at LPU.
- Coordinator of Independence Day 2018 at LPU.
- Achieved 'A' grade in B certificate exam of NCC in class 12th.