Ankush Agarwal
Data Analyst

Data Analyst with elegant analysis skills, well incorporated and implemented for the top FSI, Telecom & Retail Industry Domains. The key highlights of my data analyst career comprise of understanding Business needs, performing data operations, mappings, and **developing,optimizing and performance tuning of complex SQL queries** to derive optimal datasets for reports/dashboards. Primed to offer the acquired skills to the growing world of **Data Digitalization**.

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SKILLS

Oracle SQL	Talend
Hive/Impala	MS Office
Data Analysis	Hue
SQL Developer	Putty
TWS Backporting	
Big Data Concepts	Visio
Data Warehousing	

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

Cooking	Badminton
Travelling/Exploring	
Swimming	

WORK EXPERIENCE

Data Analyst
DELOITTE US-INDIA

08/2018 – Present   *Bangalore*

Responsibilities

▫ Perceptive Business understanding, Technical & Functional knowledge on the industry and proficient data analytics skills to transform data into meaningful report.

▫ **Data Warehousing**, Data Sourcing, Data Mapping & Data Transformation.
Oracle SQL Development, Complex SQL Queries, Performance Tuning with SCD versioning. Along with the additional KPI(s) as Team-Leadership, **Agile** SDLC role play.

PROJECTS

1. Oracle SQL Development, ETL testing, TWS Backporting (US Telecom Client): for screening bugs/defects in the ETL code [Relevant Experience : 1 year 8 months]

▫ OBJECTIVE: Design and perform Performance Tuning of complex **SQL** queries, to derive/transform data as per requirement. Design and implementation of Test Cases and **ETL** functionality testing.

▫ METHODOLOGY: Implementation of **Oracle SQL**, to perform all sorts of data validations, meeting Business requirements. Use of Unix (**Putty**) and **Informatica** for data extraction and job execution.

▫ OUTCOME ACHIEVED: Deep understanding of the Oracle Architecture, performance tuned SQL queries to extract the required dataset/result in the smart/intelligent manner.

2. Use of Hive/Impala to implement Big Data Concepts for Customer 360 DataLake(US FSI Sector): Build structured Customer 360 data pool by sourcing data and mapping/ transforming data from various data sources. [Relevant Experience : 9 months]

▫ OBJECTIVE: Hive/Impala query creation and performance optimization to work on Credit/Debit cards dataset, to work on Facts and Dimensions, implement Normalization, Data Cleansing & Data Consumption.

▫ METHODOLOGY: Performing data operations using **Hive/Impala** to prepare the Consumption layer for the BI reporting. Using of **DMT** (Mapping tool) for Data Mapping/Modeling.

▫ OUTCOME ACHIEVED: Based on BI reports generated on top of the Consumption layer data, determine the costs/facts, operate on the time/performance optimizations, analyze the Dimensions based on facts.

Additionally, worked on **Automation Utility** for the Firm where multiple SQL queries could be executed parallely; with almost 70% less manual effort. This helped team save time & effort, and succoured the Business achieve targets way before deadlines.

3. ETL Development using Talend and TAC, use of KPIs to determine Churn analysis (US ERI client): Build Datalake & perform data sourcing, data normalization, data categorization and creation of Consumption layer.
[Relevant Experience : 5 months]

▫ OBJECTIVE: Identify and analyze the factors responsible for churn from their sales based service and use them to build an analytical model that will help in decreasing customer churn.

▫ METHODOLOGY: Retrieved and aggregated all the required data from multiple sources(SAP, ORACLE, EMEA,etc) into Data-Lake using TALEND ETL and analyzed customer traits using the factors that had high variable importance.

▫ OUTCOME ACHIEVED: Built a dynamic report using Power BI that recommends trends, churn analysis on geographical factors;hence enabling the firm to provide customized offer for each customer.

EDUCATION

Bachelor of Technology (Computer Science Engineering)
Kalinga Institute of Industrial Technology (KIIT)

2014 – 2018   *Bhubaneswar*