Key Skills

Business Intelligence, Big Data

Data Modelling & Data Warehouse

Hadoop - HDFS, SparkSQL, PySpark

SQL, Trino, Teradata, PostgreSQL

Tableau, Data Visualization

Python, NumPy, Pandas

Data Analysis, Business Analysis

Staistics, Hypothesis testing

AWS - Redshift, Athena

Agile & Waterfall Methodologies

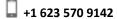
Team Building & Leadership



Soft Skills



Ranjit Kumar Singh



Over 12+ Years of extensive experience in the IT industry with Knowledge of Business Intelligence and data analytics, including ETL & Big Data Ecosystems.



Profile Summary

- Experience working with the business intelligence function, with analytical and modeling skills to solve complex problems, forecast future outcomes, and inform business decisions for top-line impact.
- Extensive experience in analyzing and reviewing dimensional modeling.
- Experience in writing complex SQL to create and validate the business rules in
- Experience in developing Hive/SparkSQL queries to load and process data in HDFS and analyzing large data sets of structure and semi-structure data.
- Expert in scripting, manipulating data sets and Inferential Statistical analysis using python.
- Building visualizations, dashboards, stories of business trends, patterns, and outliers through rich visualizations.
- Good understand of business analysis, trend analysis, segmentation analysis.
- Strong verbal/written communication and data presentation skills, including an ability to effectively communicate with both business and technical team.



🔥 Career Timeline

Senior Analytics Engineer: Apple Inc (Contract | Oct 2018 – till date) Senior Analytics Engineer: American Express (Contract | June 2017- Sep 2018)

Technology Analyst: Infosys Limited | May 2014 - May 2017

Senior Product Engineer: Harman Connected Services | Oct 2013-Apr2014

Project Engineer: Wipro Technologies | Jan 2011 – Sep 2013



Apple Inc (Oct 2018 till date) Roles & Responsibilities

- Partner with business and engineering teams to understand specific data system requirements to support development and analysis.
- Understand the business implication of metrics based on web/app user experience event data such as play, clickstream, commerce transactions.
- Collaborate with engineering teams to design, build, and support the next generation of analytics and reporting systems.
- Own and develop solutions that translate analytical questions into effective reports that drive business action.
- Develop Complex and optimized queries in SparkSQL/PySpark and Trino to validate business case scenario.
- Build python scripts for data mining and structuring for analysis.
- Identify trends and patterns in the data set, develop a hypothesis, and evaluate the result—translating data into meaningful insights and presenting recommendations to key decision-makers.
- Create insightful automated dashboards and data visualizations to track key business metrics related to business performance and initiatives.
- Implement the business case scenario in the internal framework to detect Anomalies in production data.

American Express (May 2014 to Sep 2018) Roles & Responsibilities

- Understand data needs by interfacing with fellow Analytics Engineers, Data Scientists, Data Engineers, and Business Partners
- Designed complex SQL and hive query to create and validate business case scenario to identify trend and customer behaviour.
- Developed the python scripts to perform the data analysis and visulization .
- Developed data-driven dashboards to track metrics and KPI.
- Worked closely with the engineering team and users to develop data pipelines and deliver comprehensive reporting solutions.
- Outline and facilitate the collection of key data sources needed to drive business insights and direction.
- To decompose, prioritize and provide workable solutions to complex business problems using data and analytics.

Education

Bachelor of Engineering in Computer Science in 2010 from Visvesvaraya technological University, India.

Certifications

University of Michigan (Coursera): Statistics with Python (Understanding and Visualizing Data, Inferential Statistical Analysis and Fitting Statistical Models to Data with Python)