

RITVIK TIWARI

Email: ritviktiwari@yahoo.com

Phone: +91-9984500962

<https://www.linkedin.com/in/ritviktiwari2554893a/>

Consultant with a passion for statistics/machine learning/data science and focused on providing insightful data driven solutions. I have 3+ years experience in analytics, consulting and data science in various fields of manufacture, finance and infrastructure. My current research and development interests include data.

WORK EXPERIENCE

Grant Thornton India LLP	Consultant (Advisory)	August 2018- Present
---------------------------------	------------------------------	----------------------

Project : Policy Bazaar

- Exploratory Data Analysis of all process Data using pandas in Python and visualizing it using Matplotlib and Seaborn library, collecting all ups and down in process or highlighting insights/anomalies then generating its analysis report on a periodic basis.
- Performed Data Analysis for generating reports on a periodic basis.
- Analyzed quarterly industry trends and recommended potential changes.
- Generated data driven as well as qualitative insights, developed analysis and created high impact PowerPoint presentations.

Project : Vodafone Communication Pvt Ltd

- Exploratory Data Analysis of all process data using pandas in python and visualizing it using matplotlib and Sea born library, collecting all ups and down in process or highlighting insights/anomalies then generating its analysis report on a periodic basis.
- Generated quantitative insights by adopting various data tempering methodologies.
- Handling large amount of data which contains data on monthly basis. Data contains various features (i.e. device type, speed, bandwidth, etc.)
- Building and evaluating periodic basis Classification Model in Python by importing the Scikit learn library to Predicting the efficient cost of the plan for customer.
- Generated data driven as well as qualitative insights, developed analysis and created high impact PPT.
- Making Presentations of all role work performance metrics and presenting it in Monthly review meeting.

Project : Sentiment Analysis

- Sentiment analysis is being widely used in organizations. It uses the technique to understand customers and develop strategies.
- Multiple experiments have been implemented to verify the performance of sentiment on large scale Twitter, Facebook, Instagram dataset using Python.
- Data processing technique, ordering technique and parameters tuning yielded the best accuracy.
- Utilization crawl web data and performing keyword analysis and design and build of visualizations and analytics.

Project : Rajasthan Skills and Livelihood Development, Govt. of Rajasthan

- Responsibility include running key statistics and renewing KPI's for various schemes and programmers run by the state, leading state side implementation on several state And national programs and directives.
- Conceptualizing and creating RFP's Reports, Dashboards, Industrial departmental partnerships, call center and other new programs.
- Preparation of Detailed Project Reports.
- Preparation of RFP for Procurement of Business Intelligence & Analysis Solution.

Fracton Technologies Pvt LTD	Big Data Analyst	March 2017- July 2018
-------------------------------------	-------------------------	-----------------------

Project: Financial Services

- The raw data will be coming from various sources and dumped directly into Hadoop file system through SQOOP (data extracting tool used to extract data from RDBMS(Oracle, SQL)).
- Then, data is processed (like un- normalization, partitioning, bucketing, etc.) using hive queries. After that, the data is updated (using customized and optimized queries) into hive and ad-hoc queries can be run to get any form of data.
- Importing and exporting data into HDFS and Hive using SQOOP.
- Developed various methodologies to deformalize the RDBMS data using Hive Joins and with numerous Hive operations.
- Responsible for support, troubleshooting of Map Reduce Jobs, Hive Jobs and maintaining Incremental Loads at daily, weekly and monthly basis.

Technical Skills

Key Skills	: Analytics, Project Managements, dBase Managements, Data Warehouse, Data analysis & Visualization, Business Intelligence
dBase	: Microsoft SQL, Oracle Databases
Machine Learning	: Linear and Logistics, Regression, Random Forest, Clustering,
Languages	: Python (Pandas, Scikit-Learn, Numpy,) Microsoft SQL
Big Data	: Big Data-Hadoop, Hive, Pig, HBase, SQOOP
Visualization	: Matplotlib, Sea-born, Tableau, Alteryx,
Others	: Advance Analytics, Statistical Model, Predictive Analytics, Optimization, Beautiful Soup, Predictive Modelling, Descriptive Analytics, Mathematic Statistics
Tools/IDE	: Linux, Jupyter Notebook, Spyder

Education

B. Tech (Information Technology)

National Institute of Technology Srinagar J&K (2012-2016)

Certification

- ⇒ Certification on Data Science at IIT Roorkee
- ⇒ Certification on Big Data & Hadoop
- ⇒ Certification on Tableau
- ⇒ Big data workshop at IIIT ALLD