**Rimanshu Mangal**

Data Scientist Email:rimanshu1592@gmail.com

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# **Professional Summary**



* Data Scientist with experience of around 4 years in insurance and banking domains using Python, Tableau, as Analytics and reporting tools.
* Experience in Data exploration, Data manipulation, Data cleaning and Machine learning with python packages like (pandas. numpy, skcit learn, matplotlib, seaborn, ntlk, SQL).
* Exposure to work on AWS/Cloud services like EC2, S3, Dropbox, Snowflake (Cloud Datawarehouse) with Agile methodology.
* Statistical Modelling and Machine Learning techniques (Linear, Logistics, Decision Trees, Random Forest, SVM, K-Nearest Neighbors) in Forecasting/Predictive Analytics, Segmentation methodologies, Regression based models.
* Experience in Text Analytics developing different Statistical Machine Learning, Data Mining solutions to various business problems and generating data visualizations using Python and Tableau
* Experience in development of Reports and Dashboards end to end in Tableau that involves creation of dynamic fields, hierarchies, charts, filters, reference & trend lines and table calculations.
* Good understanding of data warehousing concepts, OLTP, OLAP, Star and Snow Flake schemas and snapshot data warehouse.
* Basic functional knowledge of Insurance and Financial Domain.

**Key Skills**



* Skills: –Python, Scikit-learn, NLP, Tableau, SQL, Unix, GitHub, AWS, Abinitio (ETL),JIRA
* Statistical and ML Techniques: - Linear Regression, Logistic Regression, Decision Tree, Random Forest, Support Vector Machine, NLP & Text Mining, Fraud analytics and Time series.
* Databases: - Oracle 11g, Postgres, Snowflake, S3, Dropbox, Csv
* Good knowledge of UNIX shell scripts and SQL.

**PROJECTS HANDLED**



**1)**

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| --- | --- |
| Employer | Cognizant Solutions Pvt Ltd |
| Client | Banking, US |
| Duration | Apr 2018 - Till Date |
| Role | Senior Data Analyst |
| Technologies | Python, Scikit-learn , Unix, AWS, Tableau, Snowflake, Postgres, S3, Dropbox, Abinitio (ETL), Jira (Agile Method) |
| Responsibilities | Worked as Senior data analyst for banking project to provide end to end migration of legacy/on-premises system to AWS (Data and codes) and Visualization at Tableau.  * Worked on data migration from Oracle to Snowflake databases, data cleaning, using python, shell scripts and complex SNOW SQL’s. * Created S3 buckets in the AWS environment to store files, which will be consumed by database or ETL. * Responsible for Continuous Integration and Delivery process using Python and Shell scripts to automate routine jobs. * Created various kinds of visualization using tableau such as Maps, charts, Bar, Pie, Maps, Donut, Tree map, Tabular chart, complex time calculation and Conditional Formatting. |

**2)**

|  |  |
| --- | --- |
| Employer | Accenture Solutions Pvt Ltd |
| Client | Insurance, US |
| Duration | Mar 2017 – Feb 2018 |
| Role | Data Scientist |
| Technologies | Python, Scikit-learn , NLP, Tableau 10.1, Oracle 11G, SQL server, CSV, Text Mining |
| Responsibilities | Worked as a data scientist for insurance domain to provide statistics, predictions, risk analytics, text analytics about auto and property claims.  * Performed data mining, data cleaning, data manipulation & explored data visualization techniques on a variety of data stored in Datawarehouse and text files using Python and plotting the same using matplotlib function and Tableau * Sufficient exposure to designing and developing Tableau reports and dashboards for data visualization using Python & Tableau * Experience in huge data set using Python libraries like pandas, numpy, sckit learn, nltk, pickel, time series and text analysis) |

**3)**

|  |  |
| --- | --- |
| Employer | Accenture Solutions Pvt Ltd |
| Client | Insurance, US |
| Duration | May 2015 – Mar 2017 |
| Role | Junior data scientist |
| Technologies | Python, Scikit-learn, Tableau, Oracle 11G, PL SQL |
| Responsibilities | Developed a machine learning model to analyse the internal fraud for insurance domain using Python and Visualizing on Tableau.  * Applied logistic regression model to insurance data to predict the probability of internal fraud for every claim. * Applied Support vector Machine and Decision tree to analyse customer satisfaction for property claims. * Using Tableau, created basic calculations including string manipulations, basic arithmetic calculations, custom aggregations and ratios, dates, logic statements and quick table calculations. * Combine data sources by joining multiple table and using data blending. * Generated Dashboards with Quick filters, Parameters, sets to handle views more efficiently, used context filters and data source filters while handling huge volume of data. |

**Achievements:**



* Awarded the Cognizant Celebrating Excellence Accelerated Award for contribution to productivity improvement through automation/innovation in the team category
* Awarded the Accenture Rising Star for fiscal year 2016 and star of the month for demonstrating ownership, productivity improvement through quality and continuous improvement in the team category in project.

**Educational Qualification**



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| --- | --- | --- |
| **Year** | **Organization** | **Percentage** |
| June 2010 – May 2014 | SKIT Jaipur | 62% |
| Apr 2008– Mar 2009 | Saint Soldier Public School | 61% |
| Apr 2006 – Mar 2007 | Saint Soldier Public School | 63% |

**Personal Details**



Fathers name – Sunil Mangal

Date of Birth – 15 May 1992

Linguistic Skills – English and Hindi

Address – Pune, Maharashtra

Passport - Yes