**Y Biswal**

**Data Scientist Email: jbiswal.data@gmail.com**

**Mob no: +91-9637397082**

**Summary:**

* **Having total 6+ Years of experience in IT and 2.6 years in Data Scientist.**

**Statistical Skill:**

* **Statistics and Machine Learning skills**: Hypothesis Testing, Linear, Non-linear and Logistic Regression, Visualizations, Random Forest, Deep Learning, NLP, Recommender Systems.
* **Modeling:** Machine learning (regression, classification, clustering), categorical data analysis, time series analysis, sampling, ANOVA analysis, dimension reduction, model selection.
* **Programming Language:** R, Python, SAS and SQL.
* Data science software libraries: Python (NumPy, SciPy, Pandas, IPython, Scikit-learn, TensorFlow, Seaborn), R (ggplot2, DPlyr, Plyr, random Forest).
* **Visualization:** R-ggplot2, Python-Matplotlib, Seaborn, Tableau, Power-Bi

**Education:**

* **Master in Computer Application (MCA) from BPUT.**

**Professional Experience:**

**Project #3:**

* **Organization : AGS Transact Technologies**
* **Designation : Data Scientist**
* **Duration : July 2017 to till date**

**Responsibilities:**

* Designed and analysis the automatic anomalies detection system for business metrics time series data
* Read package source code of R and re-organized the logic and input to fit the business metrics data application scenario, with integrating special requirement from business and engineer staff’s execution
* Build PPT for presentation and interactive dashboard from Shiny for collecting feedback of the algorithm to team and quick response to additional need from business and engineer colleagues
* Learned the original algorithm and created advanced string cleaning step for Foursquare/Yelp database
* Improved the whole workflow by adding information as well as innovative filters to increase mapping accuracy
* Wrote and integrated all steps in pipelined R code for future usage and cooperated with 3rd party to build dashboard
* Overcame the challenges of handling Asian languages and popularized the customer profiling project to global market .Mentored new interns for taking over the customer profiling work flow.
* **Machine Learning Algorithm** using linear regression, logistic regression, decision Tree, KMeans, Random forest, SVM, Time series
* **Artificial Intelligence**- Using NLP-Text classification, Speech Recognition Nural Network, ANN
* **Deep Learning- Using library - Tensorflow**, Keras,

**Project #2:**

* **Designation : Jr. Data Analyst**
* **Duration : October 2016 to Jun 2017**
* Developed custom retail BI and analytics solutions, plus Power BI reporting visualizations and assessing Client value ROI (Return of Investment) through tailored RFM Customer segmentation.
* Discovered the seasonality of the raw data by plotting the smoothed period gram through the spectral domain approach using R.
* **Machine Learning/AI** -Forecasted the competition results by predicting the winning percentages for the likelihood of each possible matchup. Achieved a 20% rise in accuracy through Random Forest classifier compared with SVM, KNN and classification trees

**Project #1:**

* **Organization : Adhunik Group**
* **Designation : SAP Security Consultant**
* **Duration : July 2012 to August 2016**

**Responsibilities:**

* User Maintenance: Creating, Password reset, Change, locking, unlocking, Rename and Termination of users based on request.
* Complete end-to-end user administration that includes Administer Authorized Users (add/delete/lock/modify), assigning User Groups, adding of roles to users. Modifying user authorization access, and Analyzing User authorization errors etc.
* Copying user data from another user and assigning roles in independent R/3systems as well as in Enterprise portal, Creation of Test ids for different test scenarios as per client requirement
* Mass user management using SU10.
* Role Maintenance: Creating single, composite and derived roles; Copying from
* SAP standard roles; transporting roles from development system to quality and finally into production systems; deleting roles.
* Authorization Profiles: Generating authorization profiles, inserting missing authorizations, maintaining open authorization fields and organizational values, ST01 trace.
* SAP Marketplace tasks: Providing developer and object key, SAP maintains connection, Logon credentials for sap, OSS message creation.
* Knowledge of producing and analyzing reports in SAP using SUIM, and security related tables (AGR\*, USR\*, etc.), and SUIM reports.
* Transport Management System (TMS): Creating Transport Requests for transporting Roles and transporting the changes from Dev. To Quality/Staging to Production systems.
* Extensively worked with Profile Generator (PFCG), Role creation (single, composite and derived roles), modifications, User Administration by using SU01.