**PIYUSH GUPTA**

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### Profile Summary

* 3-year experiences in IT Industry, with 2-year experience on **Data Analytics and Reporting**.
* Successfully Completed **Certification** on “**Machine Learning”** from **Stanford University** (Dec-2018)
* Completed **B.E. (Computer Science Engineering) in 2015 with CGPA as 8.2** from Bansal institute of Science & Technology (Bhopal) associated with RGPV university and **1st division** thought out the academic.
* Proficient in **Extracting, Manipulating and Analysing massive datasets** and converting data into actionable information
* Good Knowledge in modelling and analysing data with **Linear and Logistic regression, Time Series and Tree based Modelling, Clustering techniques.**
* Experience in software development, database structures, and database design methodology.
* Effective communication, presentation skill to report with clients, and organizational skills in writing technical documents.

### Skill Set

* **Python, NumPy, Panda, Data Visualization**, Competence in Java, SQL Server 2012, HTML and CSS.
* Knowledge of **Excel,** Tableau**, Jupyter Notebook, Toad, SQL, DB2/Warehouse(IBM),** Octave**.**
* **Supervised Machine Learning:** Linear Regression and Logistic Regression
* **Unsupervised Machine Learning:** Clustering (K-means)
* Basics of **Deep Learning**

### Organizational Experience

**Project 1:**

**Saleslogix-Mortgage Risk Analysis (Banking)**

**Environment: IBM-DB2(SQL, Toad), Python, Excel, Informatica, Tableau**

**Objective:** Making Mortgage Elasticity Model to increase overall sale in business.

**Description:** Analyzing the mortgage information in term of client Rental income, Property area code and Arrear balance for the various age group to providing the better mortgage product on quarterly bases to increase the overall sale for the company.

* Data extraction from various internal and external sources
* Perform quantitative and statistical analysis of data collected
* Define product segments based on KPIs
* Identify impact on return rates during markdown price discounting
* Build Mortgage sensitivity model at Segment and Segment-Markdown Type level
* Build models and assist in ad-hoc decision support and scenario analyses

**Project 2:**

**Recommendation System**

**Environment: Python**

**Description:**

This recommendation engine was built using Content Based and Collaborative Filtering algorithms.

**Projects 3:**

**PCBA Should Costing Application:**

This project was developed for organization named “CISCO” which is a web-based application used to calculate assembling cost of all the components on PCBA board (Printed Circuit Board Assembly).

**Role:** Backend Developer

**Responsibilities:** Coordinate with the senior team member to build the simple logic and concept over the SDLC (Software Development Life Cycle).

**Environment:** Eclipse, Apache Tomcat, My SQL.

**Technologies:** **Spring-Core**, Hibernate, Web-technologies (HTML, CSS, JavaScript).

### Areas of Interest:

* **Graphical and Logical Programming.**
* IT Application Development in Cloud computing.
* **Ethical Hacking** & IT Security.

### Extra-curricular, Trainings & Certifications

* Participate in “**Debugging”,** Bhopal (M.P.) (2013).
* Participate in **“Ethical Hacking & IT Security”,** Bhopal (M.P.) (2014).
* Multiple **Badges** and **Certificates** form present organization.

<https://www.youracclaim.com/user/piyushgupta13011994>

* Client appreciation **Pride-Award** for contribution and innovative ideas.
* **Python and R course** by Coursera
* **Python for Data Science and Machine Learning Bootcamp** by Udemy
* **Machine Learning by Stanford University** on Coursera (Dec-2018)

[https://www.coursera.org/account/accomplishments/certificate/](https://www.coursera.org/account/accomplishments/certificate/TLGEYZ5SLXWU)

### Hobbies

* **Googling (NASA Updates)**
* **Logical Programming**

### Strengths

* **Impulsive nature**
* **Optimistic.**

### Personal Profile

* **Nationality** : Indian
* **Language Known** : English, Hindi
* **Email ID** : piyush13011994@gmail.com

### Declaration

**\*I certify that information written above is true to my knowledge & belief.**

**Date:** 26/12/2018

**Place:** Gurugram (***Piyush Gupta***)