

Deepthi Vutukuri

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PROFILE SUMMARY

3 years of work experience in managing business operations in the domain of banking and financial services. Looking actively for a role in **Data Science Field**.

ACADEMIC CREDENTIALS

- **PG Diploma in Data Science** | IIIT-Bangalore & UpGrad | **CGPA 3.85 / 4** Since August 2017
- **Bachelor of Technology, Electronics & Communication, 82.2%** 2010-2014
Jawaharlal Nehru Technological University, Kakinada
- **Board of Intermediate Education, 95%** 2008-2010

KEY SKILLS

- **Programming:** R (Intermediate), Python (Introductory), JCL
- **Machine Learning:** Linear & Logistic Regression, Clustering, Support Vector Machines, Decision Trees, Random Forests, Time series forecasting.
- **Visualization tools:** Tableau, R
- **Microsoft Tools:** MS Excel, MS Office, Outlook
- **Databases:** MySQL
- Statistics & Exploratory Data Analysis, Hypothesis Testing, Acquisition Analytics, Engagement Analytics, Credit Risk Analytics
- **Big - data :** Hadoop, Spark, Hive(Introductory)

KEY PROJECTS

- **HR Analytics Case Study:** Predicted the employees who are likely to leave the company with 78% accuracy by analyzing 4000+ employees' data using Logistic Regression model.
- **Gramener Case Study:** Analyzed and identified the most affecting factors for the customers who are likely to default on their loan by analyzing 30000+ customers' data using Exploratory Data Analysis and GGPLTS.
- **UBER Supply-Demand Gap:** Identified the supply and demand gap of the cars at Airport and City by analyzing 6700+ requests data and recommended ways to improve the situation.
- **Car-Price Prediction:** Predicted the prices of cars using the 207 different cars with 27 attributes data using Multivariate Linear Regression model.
- **Retail Giant Sales Forecasting:** Built a Time series model for predicting the sales and demand of "Global Mart".
- **Acquisition Analytics:** Built a model on a bank marketing dataset for acquiring new customers using Logistic Regression.

WORK EXPERIENCE

Senior Operations Professional, **IBM**, Bangalore
Client: State Street Corporation
Tools : R, Tableau, SDSF, OPC, Netcool

Jan 2015 – Dec 2016

- Created visualizations for business KPIs to the internal teams and Ownership for visualization dashboards to businesses
- Delivered key insights based on visual reports to various stakeholders and helped the business grow through data-driven decisions.
- Performance Monitoring, fine-tuning and optimization of dashboards
- Fixed the regularly abending jobs permanently, happens due to insufficient space by accepting the condition codes.
- Implemented the automatic SPOOL Offload procedure and reduced 60% of manual work.
- Reduced incorrect late job alerts that occurs when job not supposed to run (Eg: On Holidays) or if the start time of the job is different.
- Took an active part in Process Improvement by giving some ideas to reduce the workload and automated some time taking things.

ACCOLADES

- Recognized as **Best performer** of the quarter.
- A good sense of **Mathematical** approach is the reason that shaped me into my current self, I was awarded **Zonal Level 2nd** prize in **ISTE-Srinivasa Ramanujan Mathematical Competitions**.
- **Dancing** is one of my passions that make me relieved from my day to day life; folk dance is my specialty with recognition from State government of A.P from whom I received **1st** prize while participating in a **youth festival**.
- Boldness is first step towards self-development which created many opportunities to prove my communication skills and I was awarded many prizes for my **Paper** and **Poster presentations**.