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# PROFILE SUMMARY

KPHB , 500085, Hyderabad,Telangana

I am a dedicated IT professional with 2 years of experience in ERP systems, looking to transition into a career in data analysis or data science. In my previous role, I developed a strong foundation in data management, analysis, and reporting. I have a proven ability to analyze complex datasets, identify trends, and provide actionable insights to drive business decisions.

I am proficient in SQL, which I have used extensively for data extraction, transformation, and analysis. I also have good knowledge in data visualization packages such as Matplotlib, seaborn, where I have created interactive dashboards to communicate findings effectively.

Furthermore, I have a solid understanding of statistical analysis concepts and techniques, which I have applied to solve various business problems. I am eager to apply my skills and knowledge in a dynamic data-driven environment, where I can contribute to the success of the organization through data-driven insights and strategies.

**PERSONAL PROJECTS**

## BANK LOAN DEFAULT RISK ANALYSIS – EDA :

* This project aims to develop a basic understanding of risk analytics in banking and financial services and understand how data is used to minimise the risk of losing money while lending to customers.
* Python packages : pandas , matplotlib, numpy, seaborn

## STUDENT’S MARK PREDICTION :

* This project aims to predict the student’s academic performance and thereby taking early steps to improve student’s performance. Through this project we can calculate how many hours need to study to get more mark using linear regression model.
* Python packages: pandas , matplotlib , numpy , seaborn, flask, sklearn

## CUSTOMER CHURN PREDICTION – MACHINE LEARNING:

* The aim of this project is to identify and visualize which factors contribute to customer churn
* Building a prediction model that will classify if a customer is going to churn or not.
* Python packages : pandas ,numpy ,sklearn , matplotlib ,seaborn

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# PROFESSIONAL SKILLS

* Good knowledge in descriptive statistics - measures of central tendency & measures of dispersion, inferential statistics, hypothesis testing, statistical testing.
* Exploratory data analysis: univariate, bi-variate and multivariate analysis, derived metrics.
* Strong knowledge in building predictive models using supervised and unsupervised machine learning
* Good knowledge in natural language processing – text classification, sentiment analysis, topic modeling - text mining, word2vec, word clouds, n-gram, bi-grams, pos tagging, named entity recognition, nlu.
* Libraries used: Scikit-learn, statsmodels, numpy, pandas, scipy, nltk, tensorflow.
* Model Optimization: metrics & model performance evaluation - cross-validation, parameter and hyper parameter tuning, regularization, dimensionality reduction (PCA, LDA) and ridge & lasso.
* Data Visualization: matplotlib, seaborn - scatter plots, box plots, histograms, bar charts, graphs.

# EDUCATION

* Bachelor of Technology in Electronics and Communication with 7.5 CGPA in NRI Institute of technology, Vijayawada. Year of Graduation : 2021
* Intermediate with Maths, Physics and Chemistry with 94 % in Narayana Junior College, Vijayawada.

Year of Completion : 2016

* Secondary School Certificate (10th Grade) with 8.8 GPA in APDMC HIGH SCHOOL, Vijayawada.

Year of Completion : 2014

## TRAININGS AND CERTIFICATIONS

* Completed Full Stack Data science course on CodinGrad.
* Completed courses on machine learning & deep learning from online learning platforms such as Udemy , Linked .
* Utilized many other resources such as youtube channels, forums, blogs etc. to gain knowledge.

**PERSONAL MINUTIAE**

Date of Birth : 01-12-1996

Languages Known : English, Hindi, Telugu.

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