

PROFILE:

To associate with an organization that provides an opportunity to present my skills and capabilities and accept challenges. desiring role to improve my professional skillset experience and exposure new dynamics of corporate structure.

PROJECT SUMMARY:

Feb 2020 – Present	INNODATATICS *Innovation Data Analytics USA	Hyderabad
	Internship and live projects	
Technology Used:	Python 3.7.3, Jupiter notebook, Mongo-db. etc.	
Algorithm Used:	Logistic regression, Decision-tree, Random-forest, Stacking, Bagging, Ada, Xg-boost and Ensemble method.	
	<ul style="list-style-type: none">• Generated simulated data for analysis and prediction.• Data preprocessing and implemented various machine learning algorithm.• Performed EDA analysis and data visualization to get insights of project.• Created pipeline between python and mongo db., fetched data to python from db.• Deployed the model using flask.• Evaluated the cause of employee attrition based on Training hours, Tenure, Salary hike and work-life balance.	

PROFESSIONAL SUMMARY:

- 5 Years of experience in Academic Data Analysis in Research work assisted my colleague.
- 2 years of solid coding experience in **Python**. developed self-taught mini python-projects.
- Basic knowledge on statistical concept like Hypothesis, chi-square-test, ANOVA.
- Good knowledge on Python data extraction and data manipulation using NumPy and Pandas.
- Good at **Text – mining, text data analysis**, and also have sound understanding of linguistic.
- Familiar with deep learning and machine learning algorithm like CNN, RNN, SVM, BNN.
- Sound Knowledge on Scientific calculation Using SK-learn, Sea-born for Visualization and SciPy for text analysis.
- Basic knowledge and good understanding of Python, R, SQL, PG-SQL, Mongo db. Tableau, Power-BI.
- Utilized Algorithmic and programming tool to build helpful predictive model & performed exploratory data analysis and discovered notable relationship, tracked Performance and identified business improvement trends.

TECHNICAL SKILLS:

Programming Skills: Python & R, C, Html, CSS

Analytical -Skills:

Data Verification and
Maintenance:
Predictive modelling:
Database Development:

Data mining:
Strong Analytical skill
Leadership skill:
Communication skill:

Machine learning algorithm:

Classification Model: (Naïve Bayes, KNN, SVM, Decision -tree, Random Forest)
Regression Model: (Linear regression, Multiple linear regression, Logistic regression)
Clustering Algorithm: (Hierarchical & non-hierarchical clustering)
Deep Learning: (CNN, RNN, LSTM, DBM)

Text Mining & library:

NLP	Text mining:
Text Classification:	Text data analysis:
Sentimental Analysis:	Topic modeling LDA
Unstructured text data-	Web text parsing:

Python library for Visualization, Data manipulation scientific calculation:

Pandas, SK-learn, NumPy, Matplotlib, Stats models, seaborn,

Deep learning library: TensorFlow, Keras, Open-CV

Data Base skills: Mongo Db, PG-SQL

Dashboard & Visualization skill: Tableau & Power- Bi

Project Involved:

Title: Employee Attrition Rate Analytics
Environment: Mongo db., Jupiter notebook, python
Team size: 4 of 21 person involved in project
Role: Involved Everywhere

Description:

The goal of this project is to identify cause of employee attrition of an organization, what we did, we have taken variable like salary hike, training hour and tenure and work-life balance to study the impact on employee. And finally, able to deploy the model using flask, if we put the employee id, and it will show which employee will leave or not.

License & Certifications:

- 100 days of code the complete python pro Bootcamp
- Cs50 Harvard university
- Machine learning with python by IBM
- Python for Data science by IBM
- Google Analytics for Beginner and Advance

Education

- Data Science INNODATATICS
 - PhD Continuing (Utkal University)
 - M com Utkal University PG department of commerce
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References:

- Sowjanya V From Capgemini, email- sowjanya13989@gmail.com
- Sharat Manikonda email- manikondasharat@yahoo.com
- Nitin Mishra email- nitinmishra@yahoo.com