

RESUME

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Experience Summary

Nearly 6 years' experience in Information Technology as Technology Analyst and 3+ years of experience as **Data Scientist** and 3 years as SQL Developer.

Job Responsibility

- Good Knowledge in building applications with **Artificial Intelligence, Machine Learning, Deep Learning basics, NLP and Python.**
- Experience in creating mature Data science pipelines encompassing Data standardization, Feature extraction, model validation and optimization.
- Good knowledge of Machine Learning supervised and unsupervised algorithms such as Linear Regression, Logistic Regression, Random Forest, Decision Tree, XGBoost, K Nearest Neighbor, K Means, SVM, Ada-boost, LSTM.
- Statistical knowledge on time series models, generalized linear models, and forecasting techniques.
- Good understanding of Linear and mixed integer optimization and discrete event simulation.
- Great understanding of Principal Component Analysis (PCA), Dimensionality Reduction, Curse of Dimensionality, Gradient boost, bagging boosting concepts.
- Statistical knowledge of Central limit theorem, Gaussian Distribution, z-score, chi square test, hypothesis testing. Capable of self-teaching new algorithmic methods easily.
- In depth knowledge on performance measurement metrics such as R square and adjusted r square, F-score, ROC curve, precisions recall, confusion matrix.
- Hyper-parameter tuning to improve the accuracy of model using RandomSearchCV & GridSearchCV.
- Recognized by managers, colleagues, and peers for innovation, communication, and teamwork to ensure quality, timely project completion.
- Achievement-driven professional with an experience in Data Analysis and data visualization deriving valuable insights and business value from data.

Technical Skill:

Libraries/Visualization Tools

Sklearn, Numpy, Pandas, Matplotlib, Tableau, Power BI, Machine Learning, Forecasting, Time Series Analysis, Pytorch, MS Excel Pycharm, Pyspyder, Jupyter Notebook

Tools/IDE

Deployment Platforms

AWS, Heroku, Google Cloud, Pivotal, Microsoft Azure, Docker

Deep Learning

Tensorflow, Keras, RNN, CNN

Databases

Oracle DB, Git, MongoDB

Programming Languages

Python, SQL, PL/SQL, UNIX

Education:

Qualification Category	University	GPA	Graduating Year
Masters	Wilmington University	4 out of 4	2020

Professional Experience

Project-1

CLIENT: Starbucks

Role	Data Scientist	Start Date	July 2017
Company	Infosys	End Date	April 2019

Key Role/Responsibility:

- ❖ Successfully interpreted data in order to draw conclusions for the Sales Analysis of Starbucks.
- ❖ Created various data visualizations and analysis using Python and Tableau based on stores and departments of the company.
- ❖ Derived weekly, monthly and yearly sales trend analysis of the data.
- ❖ Collected data needs and requirements by Interacting with the other departments.
- ❖ Communicated the results with operations team for taking best decisions and increasing the revenue by 2%.
- ❖ Involved in Requirement gathering with various clients for various use case and Feasibility check for all the requirement with timeline.

Project-2

CLIENT: Starbucks/Emerson

Role	Technology Analyst	Start Date	Sep 2014
Company	Infosys	End Date	Jun 2017

Key Role/Responsibility:

- ❖ Expertise in analyzing & writing **SQL queries**, PL/SQL procedures and data conversion using PL/SQL, SQL*plus, TOAD, and SQL developer in Supply Chain Management.
- ❖ Data Analyzing and interpreting XML Reports and Oracle Reports using XML Publisher and customization of existing Reports, Forms and PL/SQL Procedures in Oracle Applications.

GitHub Projects

- ❖ Big Mart Sales Prediction Project
- ❖ COVID Prediction Project
- ❖ Fault detection in Wafferes based on sensor data
- ❖ Fraud Detection