Samir Singha Mahapatra

📞+91 8017 019100 ✉samirsinha11@gmail.com

in https://www.linkedin.com/in/samir-singha-mahapatra/

Oracle ERP | Data Science | IT Operations | Pune
Location Preference: Pune, Mumbai | Notice Period: 90 days

KEY SKILLS

Machine Learning

Data Mining

Time Series Forecast

Advanced Statistics

Data Visualization

Predictive Modeling

Finance and Risk Analytics

Process Automation

Data Analysis

Python

Statistical Method for Decision Making

People Management

Profile Summary

- Data Science professional with over 15 years of extensive experience Oracle EBS and management roles across SCM & FIN modules, Retail and Manufacturing domain with deep working experience of Oracle database and SQL with three years of experience with data science and business analytics

- Solid understanding of regression modelling, forecasting techniques, time series analysis, machine-learning concepts such as supervised and unsupervised learning, classification, random forest.

- Experience in developing machine-learning algorithms, statistical and mathematical optimization models, and simulation and visualization tools

- Expert in Data Analysis, Process Automation & Data Visulizatiion

- Experience in defining and building metrics, performing business analysis, and quantifying decisions through the utilization of data

- Rich business facing experience; building and maintaining key relationships with employees, vendors and customers at all levels

- Problem solver with a passion for technology with skills in grasping the big picture and applying appropriate technology/ mix of technologies that meet business needs while minimizing risks

- Expert in leading business practice set-up & management including future roadmap, IT administration & support and delivery

TECHNICAL SKILLS

- **Machine Learning Algorithms:** Classification (Logistics, Decision Tree and Random Forest), Regression, Clustering
- **Statistical Methods:** Predictive Modelling, Hypothesis Analysis, Time Series Forecasting, Optimization techniques
- **Languages:** Python, SQL, PL/SQL, C, C++ UNIX Shell Scripting
- **Databases:** Oracle, MYSQL
- **Data Analytics Tools:** KNIME, Tableau, Jupyter, Google Colab, Power BI
- **Others:** MS Excel, MS Power Point, HTML & XML

WORK EXPERIENCE

HNI Corporation
Apr'20 to Present (Sr. Technical Lead – Manufacturing and Distribution)
- Formulated a Tableau Dashboard to analyze and track monthly sales across different HNI warehouses
- Designed a reusable tool to automatically identify and correct the scheduling of Oracle ERP processes. It helped to avoid major loss of business in daily business operations.
- Daily automatied supply chain process monitoring for order processing and customer shipment issues
- Work with business for any issues and work with IT Vendor for the resolution of issues
- Work with IT team for new standard and custom business solution in Manufaturing and distribution area
- Worked extensively with the new IT vendor for business and IT transition from earlier IT Vendor

Capgemini India Pvt. Ltd
Aug'12 – Apr'20 (Manager – European Oracle Practice)

- Automated reconcialtion solution for Accrual processing for three systems(R12, Demantra & R11) using Python reduced 2FT per month for the customer
- Automated process for finding timecard missing entries for the resources and provided suggested time entries. It reduced the manual efforts for the timecard entry by 90%

- Automated TOP incident monitoring notification/status update to all stakeholders using Python and REST APIs and update the status in the tools till the incident closure. Teams able to act the critical incident and increase the efficiency of problem solving.

- Implemented automation for R12 to R11 stock movement monitoring and it helped reduced monitoring effort of 35K EUR per year.

- Worked closely with client's logistics business team, third party logistic team for stabilizing the stock reconciliation issue between WMS system and Oracle system. It helped business to reduce shipping scheduling time by 24 hours for 15% materials.

- Supported client's business team to divert the shipment of 2500+ orders to central warehouse instead of scheduled Swedish warehouse. Also guided business and third party logistics (DAMCO) team to reopen the Sweden warehouse which was closed due to Ransomware cyber attack.

- Participating in business analysis sessions to understand client process and conducting trend analysis to understand user needs and translating them into technical solutions that save time, eliminate redundancies and improve quality

- Worked closely with business, functional team & management to create process automation, data analysis for existing processes. Replaced 20 main business process with automated Python based solution.

PREVIOUS EXPERIENCE

Jun'08 – Aug'12 with IBM **India Pvt. Ltd., Kolkata** as **Sr. System Analyst**

Jun'06 – May'08 with **Tata Consultancy Services (**payroll- CDC Global Pvt. Ltd.) **as Oracle Applications Technical Consultant**

PROJECTS ON DATA SCIENCE AND MACHINE LEARNING

Project Title – Microfinance industry Analytics
Objective - Identifying default probability of existing and onboarding customers
Domain - Finance
Firm - Micro Finance Bank
Algorithms - Logistic Regression, Random Forest, Boosting techniques
Tools used - Python and Tableau

Other Projects
- Used unsupervised machine learning (clustering) techniques to analyze a Bank Data
- Predicting claim status for an Insurance firm using Artificial Neural Network
- Drug Analysis using ANOVA and Income Analysis using Linear regression and PCA.
- Recommending ways to increase revenue of a Grocery Store
- Detecting heart disease using Optimization Technique
- Election Exit Poll Prediction

ACADEMICS

- **PGD in Data Science and Business Analytics** from Great Lakes Institute of Management & University of Texas, USA in 2021
- **B.E. (Computer Science & Engineering)** from Burdwan University in 2002