

EDUCATION

UNIVERSITY OF CONNECTICUT SCHOOL OF BUSINESS

Master of Science in Business Analytics and Project Management, Data Science.

Hartford, CT

Dec 2022

Courses - Predictive Modeling, Statistics with R, Data Management, and Business Process Modeling,
Data Science with Python, Big Data Analytics with Hadoop, Data Mining, and Business Intelligence.

NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR

Bachelor of Technology, Metallurgical, and Material Science Engineering.

Jamshedpur, India

May 2016

TECHNICAL SKILLS AND AWARDS

Analytics: Predictive modeling, Statistical modeling, Decision Tree, PCA, ANOVA, A/B Testing, Clustering, Forecasting, Hypothesis testing.

Programming expertise: Python, R, MATLAB.

BI & Analytics Tools: JMP, Tableau, MS Excel, Oracle SQL, MySQL, MS Visio, MS Project, JIRA, and data warehouse Management.

Industrial Knowledge: Vendor Management, Agile Expert, IoT, Scrum management, Retail.

Awards: Awarded as the High Potential Employee by Tata Metaliks Ltd in the year 2018.

EXPERIENCE

TATA METALIKS LTD, Kolkata, India

JULY 2018 – AUG 2021

Senior Business Analyst

- **Dashboards | Vendor operations | AC Tracker | Warehouse Adherence, Tableau** | These dashboards are used by **directors, managers, and Functional managers** across **5+** departments to track performance, identify opportunities, and audit data integrity.
- **Plant Health Analytics | Python, Tableau, SQL** | Developed regression model to predict inside boiler temperature for TATA Steel manufacturing company and crafted insightful dashboards to track plant health using **Tableau**; reduced cost of manufacturing by **4.2%**.
- **Data Analysis | Oracle SQL** | Created and executed complex, highly-optimized SQL queries for data extraction, analysis, and validation across large volumes of Blast furnace data.
- Worked with a team size of **45** and supported our onsite team of size more than **100** with their various requests regarding the data.

Business Analyst

JULY 2016 – JUNE 2018

- **Analytics | Tableau, SQL** | Executed complex SQL queries to extract the DI pipes Division process data and create dashboards with help of **Tableau**, which is used to track work-in-progress DI pipes. Digitized the entire process and eliminated the usage of log sheets and logbooks, which were previously used to enter the data manually of DI Pipes.
- **Analytics** | Worked as SPOC on behalf of Tata Metaliks Ltd with Renoir consultancy. Suggested Operational improvements by analyzing the Past data of the process parameters. And optimized the process by using mathematical models like linear programming.
- **Digitization** | Key member of Core Digitization Team at Tata Metaliks Ltd. Designed the Digital Mindset Activation Workshop Module and conducted a workshop for 600+ employees.

OTHER EXPERIENCES (UConn Academic Projects)

- **Predictive Modeling | Employee Survey dataset | Python** | Developed a logistic regression model with a ROC score of 81.3% to predict the possible variables affecting the company's employee churn and reduced the average churn rate by 5% based on model results and analysis.
- **Predictive Modeling | NYC rolling sales data | JMP Pro** | Developed a Neural network model to predict the sales price, which helps in driving real estate efficiently. This model helped in assisting in determining a Fair Asking Price and Estimating a property's value for Homeowners.
- **Data management | HR consulting firm | SQL** | Created a schema for an HR consultancy firm, drew an ERD, and created tables that are required for an HR consulting firm. Queried to find some interesting findings like the number of interviews that are being conducted in every month of a year etc.

CERTIFICATIONS

- Introduction to and Intermediate Python, Data Camp
- Introduction to Data Science with Python, Data Camp
- Tableau Training for Data Science, Udemy