

**Ripunjoy Goswami**  
Data Analyst/Scientist  
[LinkedIn](#)

Mobile: +919632844455  
Email: [contactripu@gmail.com](mailto:contactripu@gmail.com)

### **Professional Summary:**

- **Achievement-driven professional** with total experience of **over 8 years**.
- Experience in working with **Machine Learning and Deep Learning algorithms which include CNN, Recurrent Neural Network with Python**
- Developed various **Data science projects** using libraries such as **Beautiful Soup, Sklearn, Numpy, Scipy, Pandas, Matplotlib, Seaborn, Statsmodels, TensorFlow, Keras, etc.**
- Expertise in manipulating and analyzing complex, high-volume, high-dimensionality data from varying data sources and big data sources
- Have around 7+ Years of Experience in SAP BW/BI domain.

### **Education:**

- Post Graduate Diploma in Data Science (PGDDS) from IIIT, Bangalore (2020-21)
- Bachelor of Engineering (Computer Science and Engineering) 2012, Guwahati University.
- Working as Software Applications Engineer in Python/Tableau/SAPBODS/SAPBW/HANA for Lumen Technologies, Bangalore from Aug 2012.

### **Skillset:**

- Languages : Python, R, SQL.
- Data Visualization : Tableau, Microsoft Power BI
- Database : My SQL
- Algorithms : Linear Regression, Logistic Regression, Decision Tree, K-means, Random Forest

### **Professional Experience:**

Software Applications Engineer at Lumen Technologies(2012-Present)

### **Key Result Areas:**

- Working closely with business and engineering teams to encourage statistical best practices with respect to experimental design, data capture and data analysis
- Performed Data Preprocessing in order to make data useful for creating Machine Learning Models
- Building various regression and classification algorithms by using various Sklearn libraries such as Linear Regression, Decision Trees, XGboost and Naïve Bayes
- Drafting Machine Learning Models for testing A/B content for clear decisions related to the products

**Highlights:**

- Executed a couple of internal projects as Data Analyst using Tableau by picking up the technology really fast and delivering results.
- Recognized by managers, colleagues, and peers for innovation, communication, and teamwork for ensuring quality, timely project completion and the ability to adapt and learn fast.

**Projects handled in reverse chronological order****Project #      Telecom Churn Case Study using Logistic Regression****Roles and responsibilities:**

- Used the Logistic regression model to predict how many customers of my telecom company could possibly churn and move to the rival telecom providers like AT&T based on the data of the last 6 months.
- Performed Exploratory Data analysis on the source data and cleaned it as required.
- After that to achieve the goal of classifying the target customer base used the logistic regression model using scikit-learn library of Python.
- Deployed the final model into production once it provided an acceptable output and kept on iteratively making the changes as asked by the business.

**Challenges:**

- To clean extracted data from data sources and formatting it as per requirements.
- Optimizing the model by iteratively carrying out the analysis till satisfactory parameters were found.
- To determine the difficulties associated with deploying the final model.

**Highlights:** The project helped the company save 90 million USD in 6 months and the entire team was awarded for the same.

**Project #      Visualizing Revenue Recognition Data using Tableau****Roles and responsibilities:**

- Transformed the data received from various financial billing systems and used SQL to create query on the financial results and created the relevant revenue dashboards in Tableau as per business requirements.
- Brought the data in from various data sources and used an ETL tool to transform and integrate the data as per business requirements.
- Dumped the final data into a database and used Tableau for reporting on it and creating dashboards as per business requirements.

**Challenges:**

- Cleaning and transforming the data was a big challenge.

- The dashboards needed to be continuously updated and changed as per the requirements.

**Other Data Science projects are available here:** [Github](#)

**SAP Summary:**

- Was a part of an inhouse integration and a full implementation project in the SAP BW/ SAP BI area.
- Was also a part of a couple of upgrade projects from SAP BW 7.0 to 7.3 and from 7.3 to 7.4
- Have also worked extensively on SAP HANA, SAP BODS, SAP Business Objects Suite