

# ADITYA GURURAJ MUTTAGI

## Consultant

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## SUMMARY

Consultant with over 2.5 years of experience in data analysis, SQL, and Python. Proficient in extracting insights, optimizing processes, and supporting data-driven decision-making to improve business performance. Committed to leveraging analytics for strategic growth and customer impact.

## EXPERIENCE

### EXL Consultant

#### EXL Service

07/2022 - Present Remote

EXL Service is a global analytics company specializing in AI, data-driven decisions, and business process management.

- Analyzed the impact of the **\$50 Closing Offer** on activation rates, churn rates, and customer LTV, identifying increased usage in orders and activations. Key insights included **lower** BRM and 62-day churn, slightly **higher** 92-day churn, and a **\$200 increase** in customer LTV with the offer.
- Created an **LTV analysis** at the tactic level to identify high and low-performing tactics, enabling the client to refine marketing strategy for better customer retention and profitability.
- Developed a **Tableau dashboard** to analyze the impact of a government-funded broadband program (**BEAD**) on our customers, visualizing activation rate and churn rate across different geographic levels.
- Developed a **Python automation script** to generate daily KPI reports for different tactics, replacing manual weekly reporting, improving accuracy, and reducing turnaround time.



### Intern

#### TakenMind

04/2020 Remote

TakenMind is a global ed-tech platform offering data science training and promoting skill development worldwide.

- Analyzed employee attrition trends across 9 key features, revealing **65% dissatisfaction** and **99.6% lack of promotions** over 5 years.
- Provided **actionable recommendations** on workload balance and promotions to reduce attrition.
- Leveraged **Python (Pandas, Matplotlib, Seaborn)** for data analysis and visualization, enabling leadership to take data-driven decisions.

## PROJECTS

### Corrosion Rate Prediction Using Machine Learning

Developed a predictive model to estimate corrosion rates of 304LN stainless steel, leveraging data analytics and ensemble learning for improved accuracy.

- Implemented **Random Forest and XGBoost models**, enhancing prediction accuracy from **70% to 90%**.
- Applied outlier detection techniques (**Z-score, LOF**) to refine data quality and optimize model performance.
- Analyzed the **impact of temperature and acid concentration** on corrosion, providing insights for preventive maintenance in industries like oil & gas and manufacturing.

## SKILLS

Data Analysis

SQL

Python

Tableau

Problem-Solving

Business Impact Analysis

Teamwork & Collaboration

## EDUCATION



### B.Tech in Metallurgical and Materials Engineering

National Institute of Technology Tiruchirappalli

08/2018 - 05/2022 Tiruchirappalli, India

GPA

8.28 / 10

## EXTRACURRICULAR ACTIVITIES



### Volunteer

#### National Service Scheme

Volunteered for NSS, teaching math to village students and engaging in community service, fostering education, social responsibility, and impact.