

Arindam (Aaron) Baruah

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SUMMARY

With a strong foundation from my academic journey and working as a data analyst at a leading manufacturing organization, I bring a hands-on experience with application of data science and analytics in a real-world setting using technologies such as R, Python, SQL, MS Excel, MS Power BI and Tableau. I'm passionate about leveraging data-driven insights and analytical expertise to solve complex business as well as research challenges.

SKILLS

R, Python, SQL, MS Teams, MS PowerBI, Tableau, GitHub, Trello, Statistical Data Analysis, Machine Learning, Forecasting, Teamwork, Project Management, Report Writing, Research, Data Visualization, Communication Skills, Conflict Management, Root Cause Analysis, Customer relations.

CAREER HIGHLIGHTS

Business Analyst

2023

Global Victoria Intellect Consulting, Practera

- Nominated as a Business Analyst by Monash University to work in a peer group, comprising of members across the universities in Victoria.
- Led the team as a deputy team leader to perform a detailed market research analysis of Malaysia for our client, Delta-V experts.
- Organised regular stand-up and agile meetings to take stock of current work progress as well as delegated tasks to all the team members.
- Maintained a stakeholder communication management plan and effectively organized the project schedule to complete the delegated tasks in specified number of sprints.
- Conducted data driven secondary research for the given problem statement which indicated the possible opportunities for the client in the Malaysian market.
- As part of the team, communicated a mix of strengths, opportunities and weaknesses for the client to consider and add on to their personal research before taking an informed decision to enter the Malaysian market.

Technical data analyst

2021-2023

ArcelorMittal Nippon Steel India

- Performed data-driven time and motion-based study to reduce downtime of the production unit resulting in potential annual cost savings of 1.8 million dollars.
- Cooperated with multiple departments and team leaders to provide sample data analysis and draw conclusions through intuitive visualisations.
- Created a process monitoring dashboard on PowerBI for quick anomaly detection, which allowed for regular corrective and preventive actions to be taken on short notice and further reduced data cleaning operation duration from 1 hour to 20 minutes.
- Compiled, maintained and visualised data containing critical sustainability indicators for studying the effect of the manufacturing plant on the environment.
- Worked closely with R&D, Quality control and Automation department for resolving process and product defects through data driven studies.
- Performed root cause analysis and suggested corrective actions for major product defects.
- Implemented various statistical quality control techniques, such as control charts, to study and monitor the current process deviations before and after any significant process alteration through sample analysis.
- Involved in investigation of customer or downstream complaints and suggesting corrective actions to prevent recurrence of similar complaints.

EDUCATION

Master of Business Analytics (GPA:3.85/4)**Completion: 2024***Monash University, Australia*

- *School of Business and Econometrics*

Master of Technology (GPA: 9.42/10)**2021***Indian Institute of Technology, Indore*

- *Metallurgy Engineering*

Bachelor of Technology (GPA: 7.87/10)**2018***Manipal Institute of Technology, Karnataka*

- *Mechanical Engineering*
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Certifications

- IBM Data Science professional certification,
 - Data science bootcamp by 365 data science,
 - Applied Machine Learning by the University of Michigan.
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List of achievements

- Adjudged as the winning submission by National Australia Bank for my analysis on the waste disposal issue faced in Australia at the Annual Datathon organized Monash Data Science Society.
 - Awarded the annual applause award at ArcelorMittal for my involvement in the project aimed at creating a PowerBI dashboard for communicating the major key performance indicators of the production plant.
 - Awarded the merit scholarship award for my performance in school year 10 and 12 by the Government of India.
 - Conferred the best research poster presentation award for my publication on solid state welding processes by the Indian Institute of Metals.
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COMMUNITY INVOLVEMENT

MGA Volunteer, Monash University**2023-Present**

- Helped in the successful organisation of various semester events such as trivia night and campus tour.

Panel representative, Academic integrity and ethics, Monash University**2023-Present**

- Nominated as a panel representative to provide a student perspective during the academic integrity investigation of students.

Class representative, Class of 2021, Metallurgy Engineering, IIT Indore**2019 - 2021**

- Acted as the representative for the class to convey critical information to the teaching staff and put forward the views of the students in various general discussion meetings to seek suitable solutions.
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REFERENCES

- **Joan Tan,**
Associate Director (Quantitative Analysis) and Senior Teaching Fellow, National Australia Bank, Monash University.
E-mail: joan.tan@monash.edu
- **Jigen Topiwala,**
Deputy General Manager (Downstream Expansion Projects), ArcelorMittal Nippon Steel.
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