Antara Saha

Dallas, Texas-75252|Ph: 4699434752|email:axs210102@utdallas.edu|www.linkedin.com/in/antara-saha|https://tinyurl.com/mw43kfj4

EDUCATION:

The University of Texas at Dallas   **Aug 2021-May 2023**
Master of Science, Business Analytics – Data Science   *3.585/4*
National Institute of Technology Agartala, India   **July 2013-May 2017**
Bachelor of Technology, Chemical Engineering   *7.46/10*
(All India Rank 4321 among 1.3 million students in IIT JEE Mains)

CERTIFICATIONS AND TECHNICAL SKILL EXPERIENCE:

- **Certification:** "Machine Learning A-ZTM Hands-on Python & R in Data Science"
  "Pytorch for Deep Learning with Python Bootcamp"
- **Programming Language**: Python, R, Java Script, HTML, CSS
- **Database:** My SQL, Oracle SQL
- **Analytical, Visualization and Automation Tools:** R, Stata, SAS,Tableau, Power BI, MS Office Suits, Excel, UI Path, Appian
- **Data Analysis:** Statistical Analysis, Hypothesis Testing, Regression Analysis, Predictive Modeling, A/B Testing
- **Software:** PyCharm, R Studio, Visual Studio Code, Jupyter Notebook
- **Courses:** Applied Econometrics &Time Series Analysis, Business Analytics With R, Advanced Statistics for Data Science, Applied Machine Learning, Robotics Process Automation, Big Data, Programming for Data Science.

PROFESSIONAL EXPERIENCE:

SAP LABS India/Gyansys Infotech PVT Limited, Bangalore, India   **11/2017-01/2018**
Machine Learning Trainee:

- Worked on 2+ SAP Leonardo Machine Learning R&D Projects, performed data wrangling and Exploratory data analysis in 10000+ Data, developed Supervised Algorithms, and provided satisfactory results to the client.
- Implemented clustered model testing and validation and written profound Deep Learning codes using Pytorch.

SAP LABS India/Gyansys Infotech PVT Limited, Bangalore, India   **02/2018-10/2019**
Data Processing Engineer/Robotic Process Automation:

- Engaged in data mining, preprocessing of raw data, and then merging into appropriate datasets to fit into the in-house Image recognition model and improved the accuracy by 15% by removing duplicate data entries.
- Presented visualization of different stages of data mining using data visualization tool Tableau to the client.
- Incorporated RPA using UI Path to reduce the repetitive manual data cleaning tasks, which also helped in speeding the production to 25% faster. Met 100% of deadlines and project goals, and as a result, received a promotion upon the successful completion of the project.

Applied Materials/Gyansys Infotech PVT Limited, Bangalore, India   **12/2019-07/2021**
Data Pre-processing Engineer:

- Delivered optimum results in the AI tool to detect, segregate, and assign the tickets to the appropriate supporting groups by mining the raw data received from the users and performed the preprocessing jobs incorporating analytical techniques.
- Successfully analyzed and translate data, draw insights, and provided solutions to improve the model efficiencies, leading to a 90% efficiency in creating coherent datasets.
- Collaborated with stakeholders and management to establish work plans, determine resources, analyzed scope of the project based on competitive analysis on survey data and interviews with customers. Led and trained 10+ new joiners as part of the project asset extension for the AI project.

PROJECTS: 08/2021 – 12/2021

- **Analysis of Crypto Currency Prices**: Effect of U.S Drone Strike Killing a top Iranian commander on Crypto Currency. Collected historical data, did data cleaning, manipulation, regression analysis in Stata and interpretation of different Crypto prices.
- **Analysis of the Effect of ESSA**: Study the effect of Every Student Succeed Act (ESSA) on high school education in the US.
- **Concert Ticket Management System Database**: Developed an oracle database for a ticket management system for a concert to store, manipulate and search tickets by customers and staffs. Designed an ERD model, translated the model to relational schema by implementing DDL and DML for the database system.

ORGANIZATION, MEMBERSHIP AND LEADERSHIP EXPERIENCE:

- ***Discipline In Charge Head, Advaitam***, *National Institute of Technology, Agartala, India*   **06/2014-05/2015**
Directed events and served as the discipline in charge(head), leading to 100% satisfaction from the organizers.
- ***Prime Member, Robotics Club***, *National Institute of Technology, Agartala, India*   **01/2014-Present**
Participated in multiple competitions and still serving as a prime member of the club.
- ***Branch Coordinator at Training and Placement Cell***, NIT – Agartala   **06/2016–04/2017**
- ***Eesha Foundation – A Non-profit Organization***, India   **2013-Present**
Volunteered as a teacher at an orphanage to teach 30+ underprivileged children where I have taught sustainable living and disciplined lifestyle on every Sunday for 2 years.