

Priyam Ganguly [Data Engineer/Data Analyst]

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WORK EXPERIENCE

Hanwha QCells America

Data Analyst-Digital Products

New York

July 2022- Present

- Developed and implemented 50+ dashboards tailored to specific stakeholders, resulting in improved data visualization and analysis capabilities across fulfillment, ESOP, energy service provider, C&I, project development, and operations departments.
- Utilized Tableau Prep Builder to streamline data cleaning processes for SharePoint folders, leading to more efficient data transformation and manipulation.
- Executed data validation procedures by writing SQL queries in Snowflake database system to ensure accuracy of information within Salesforce dashboards.

S&S Truck Parts LLC

Data Engineer

Chicago

June 2022- July 2022

- Designed and implemented a project installation heat map system that segmented regions based on key metrics, resulting in a 15% increase in project efficiency across different states.
- Consolidated lead type distribution data from various sources into a comprehensive pie chart for executive review, streamlining decision-making processes and increasing lead conversion rates by 20%.
- Developed and automated Power BI reports to fetch real-time data, saving an average of 10 hours per week in manual data collection and analysis.

SBI Cards India

Area Manager/Assistant Manager-Products and Services

Pan India

April 2018- Feb 2021

- Trained and mentored a team of 300+ associates, resulting in a 20% increase in overall productivity over two consecutive years.
- Managed the end-to-end product lifecycle for the launch of the SBI Elite Card, overseeing cross-functional teams and ensuring successful market penetration, leading to a 30% increase in customer acquisition.
- Utilized Salesforce CRM to streamline customer interactions and track sales activities, resulting in a 15% improvement in customer satisfaction ratings.

Idea Cellular limited

Assistant Manager (Product)

Kolkata

Jan 2015- Mar 2018

- Developed and automated weekly sales, marketing, and service performance reports using Tableau and Power BI, resulting in a 30% increase in data accuracy and timeliness.
- Collaborated with cross-functional teams to implement a new dashboard system that provided real-time insights on product performance, contributing to a 25% increase in overall revenue.
- Utilized SQL queries to extract customer segmentation data for targeted marketing campaigns, leading to a 10% increase in conversion rates.

EDUCATION

Widener University

Master of Science

Chester, Pennsylvania

Graduation Date: May 2022

Indian Institute of Social Welfare and Business Management

Post Graduate Diploma in Management

Kolkata, India

Graduation Date: Jan 2015

Bharat Institute of Higher Education & Research

Bachelor of Technology in Electronics and communication

Chennai, India

Graduation Date: Jan 2013

SKILLS & INTERESTS

- **Database:** MySQL, SQL Server, Oracle Database
- **Package:** NumPy, Matplotlib, ggplot2, Pandas
- **Data Visualization:** Tableau, Power BI, Microsoft Excel, SharePoint, SAP S4 Hana, Celonis
- **Project Management tools:** Jira, Confluence, Workday,
- **CRM:** Salesforce Admin, ServiceNow, Net-suite
- **Language:** Python, SQL, R, CSS, HTML, IDE's: Visual Studio Code, Pycharm
- **Other Skills:** Data Cleaning, Data Wrangling, Data Pre-processing, Leading Scrum Meetings, Story point estimation, Big Data Analysis

PROJECTS

IEEE International Conference **Pokhran, Nepal**
Enhancing Retail Sales Forecasting with Optimized Machine Learning Models

IEEE Journal **Tirunelveli, India**
Deep Learning for 30-Day Hospitalization Prediction in Dialysis Patients

IEEE Conference **Western Sydney, Australia**
Efficient Brain Tumor Classification with Lightweight CNN Architecture

IEEE Xplore
Inter-layer Recurrent Neural Networks Learning Algorithms

PEER CONTRIBUTION

- **Reviewer for IEEE AICECS 2024:** Evaluated manuscripts on AI and computational intelligence for the IEEE AICECS conference, hosted by the Manipal Institute of Technology, ensuring research quality.
- **Reviewer for IEEE SILCON 2024:** Reviewed high-impact research papers for SILCON 2024, held at NIT Agartala, enhancing the scientific rigor of submitted manuscripts.
- **Program Committee Member and Reviewer for ICCI 2024:** Played a dual role at the prestigious ICCI 2024 hosted by SVNIT, Surat, guiding conference programs and reviewing cutting-edge computational intelligence research.

KEYNOTE SPEAKER

- **5th International Conference on Paradigms of Communication, Computing, and Data Analytics**
Keynote: "Cutting-Edge Advances in Analytics and AI Transformation" at the PCCDA 2025(Sri Dev Suman Uttarakhand University, Rishikesh, Jan 18-19, 2025). Supported by Springer's "Algorithms for Intelligent Systems" book series.
 - **5th International Conference on Computational Intelligence 2024**
Keynote: "Emerging Trends in Lightweight Deep Learning Architectures for AI Transformation" at the ICCI 2024 (SVNIT, Surat, Dec 24-26, 2024).
 - **Second International Conference on Numerical Optimization in Engineering and Sciences2024**
Keynote: "The Ethics of Data Visualization: Responsible Storytelling with Data" at the NOIEAS (NIT Warangal, Dec 5-7, 2024).
 - **4th International Conference on Intelligent Vision and Computing**
Keynote: "Maximizing Data Value: Snowflake and Tableau Integration for Modern Analytics" at the ICIVC 2024 (NIT Agartala, Nov 23-24, 2024).
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IEEE WORKSHOP

1. [USING GENERATIVE AI for DATA ANALYSIS, SOFTWARE TESTING & VISUALIZATION](#).
2. *IEEE Region 5 Young Professionals Tech Talk Series: Data as the Driving Force: From Building Generative AI to Transforming Mobile Applications:* [IEEE vTOOLS](#)

Volunteering

Hackathon Judge

Judge/Reviewer Computer Science

- *Judged hackathons like IngeniumSTEM, HackJPS, MoonHacks etc with a prize set of \$61k+, which was mainly focused on STEM technology for educational growth with a target group of undergrads and grads.*