

Rudranu Palit

Summer 2022 Internship, Data Analyst, Data Scientist, Business Analyst

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Looking for summer internships 2022.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

Work Experience

Business Intelligence Developer

Tata Consultancy Services Ltd, Kolkata - India

December 2020 to August 2021

- Import the RDBMS tables in Hive using Sqoop resulted in reducing data transfer time by ~10%.
- Migrated 30+ reports to Power BI to optimize costs and enhance performance benefits for all dashboards owned by team.
- Solved 20+ customer trouble tickets and mitigated customer impacting production bugs during on-call rotations.
- Conducted scrum meetings, as the Scrum Master for 4 sprints and improved sprint spill overs by 9 points.

Implemented BI dashboards to analyze financial spending trends for an European financial firm to identify target customers in order to increase capital generation. The implementation improved capital generation to 7% QoQ.

Build data pipelines using cloud-based technologies also investigated anomalies in generated data that helped to identify a specific data source generating incorrect values and debugging led to improve report performance by 17%.

Data Analyst

Tata Consultancy Services (TCS) - Kolkata, West Bengal

January 2018 to November 2020

- Build ETL Pipelines with batch processing to load tables on daily basis using ODI.
- Generated OBIEE dashboards using the data and automated the report delivery which reduced manual effort by 20%.
- Migrated 75+ reports to OBI for improved data interpretation and system performance which increased overall revenues by 9.2% for specific segments such as Ad's revenues.

Implemented OAC for a Fortune 500 telecom giant that helped to use oracle analytics platform to reduce operating cost of payphones in London and implemented advertisements strategies in order to improve revenues.

The Analytics Platforms also helped to track emergency call's locations during the covid pandemic and its impact in healthcare the monthly revenue loss reduced by 20 %

Performed SQL query tuning to improve performance by nearly 12%.

Business Systems Analyst

Tata Consultancy Services (TCS) - Kolkata, West Bengal

May 2016 to December 2017

- Developed an attack monitoring system that predicted external cyber-attacks using Machine Learning (Python)
- Used Elastic-Log stash-Kibana (ELK stack) pipeline to create dashboards.
- Boosted performance efficiency by 15% by building and integrating ELK pipeline.

Test the data load scripts and analyze the proper data is loaded into database tables.

Automated the data load scripts which reduced the team effort by 30 % for running the scripts manually.

Education

M.S. in Business Analytics and Data Science

The University of Texas - Dallas, TX

August 2021 to May 2023

B.S. in Electrical Engineering

Veer Surendra Sai University of Technology Burla

August 2011 to May 2015

Skills

- **Certifications:** Oracle Business Intelligence Implementation Specialist
- **Analysis Tools:** OBIEE
- Power BI
- Tableau
- QlikSense
- Informatica
- ODI
- MS Excel
- **Programming:** SQL
- Python
- Unix
- Java
- HTML
- R
- **Operating Systems:** Unix
- Linux
- Windows 8
- Windows 10
- **Skills:** Data Mining
- Machine Learning
- Deep Learning
- Statistics

- Calculus
- Linear Algebra
- Databases: Oracle
- DB2
- SQL Server
- SQL Lite
- NoSQL
- Packages: NumPy
- Pandas
- SciPy
- TensorFlow
- Matplotlib
- Keras
- GGplot
- NLTK
- Regression
- Classification
- Association
- Scikit-learn
- ANN
- ETL
- Data visualization
- GitHub
- Data warehouse
- MySQL
- AWS
- Git
- XML
- Business requirements
- Problem-solving
- Flexibility
- Team Work
- Reliability
- Unit testing
- Data modeling
- Data science
- C++
- PL/SQL
- Requirements Gathering
- Test Cases
- Agile

- C/C++
- Analytics
- T-SQL
- Microsoft Excel
- Jira
- Microsoft Word
- Hadoop
- Shell Scripting
- SQL
- Relational databases
- Microsoft Office

Languages

- English - Fluent

Links

<https://github.com/Rudranu>

<https://www.linkedin.com/in/rudranu>

Awards

Best Team Ward

April 2020

Certifications and Licenses

AWS Machine Learning Specialty

December 2021 to Present

Assessments

Intermediate Spreadsheets with Microsoft Excel — Familiar

February 2019

Understanding intermediate Microsoft Excel techniques, such as effectively writing and applying conditional formulas.

Full results: [Familiar](#)

Analyzing data — Completed

January 2022

Interpreting and producing graphs, identifying trends, and drawing justifiable conclusions from data
Full results: [Completed](#)

Attention to detail — Expert

January 2022

Identifying differences in materials, following instructions, and detecting details among distracting information

Full results: [Expert](#)

Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field.