

SOUHARDA BISWAS

Senior Analytics Consultant

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SUMMARY

Solution driven professional with 7+ years of experience in helping Fortune 500 clients understand and implement data driven decisions/frameworks based on various business problems across different verticals.

EXPERIENCE

Senior Consultant C5

Polestar Analytics

📅 05/2024 - Present 📍 Kolkata, India

Senior Consultant

EXL

📅 08/2021 - 05/2024 📍 Bangalore, India

Decision Scientist

Mu Sigma Business Solutions Pvt. Limited

📅 07/2018 - 08/2021 📍 Bangalore, India

EDUCATION

B.Tech in Electronics & Instrumentation Engineering

National Institute of Technology, Silchar

📅 05/2014 - 05/2018

CGPA

6.47 / 10

Higher Secondary (12th) PCM

Delhi Public School Ruby Park, Kolkata

📅 04/2011 - 04/2013

Score

88.2 / 100

SKILLS

SQL

Python

PySpark

Azure Data Factory

Azure Synapse

Databricks

Apache Kafka

Apache Spark

Data Modelling

Data Analysis

Statistical Modelling

EDA

NLP

Machine Learning

Power BI

DAX

M-Query

SSIS

Microsoft Fabric

CERTIFICATION

Databricks Certified Data Engineer Professional

Databricks, Issued Apr,2025

PROJECTS

Azure Application Insights Data Handling

📅 02/2024 - Present

- Worked with Diageo to migrate the Application Insights and Log Analytics data from Azure Data Factory to Microsoft fabric, thereafter building a pipeline and code to write the data in ADLS
- Post migrating to Fabric, the pipeline would hit the KQL Database, looping through every hour of the day data (since KQL only allows 5000 data per day), thereafter using PySpark to write the data back in the gold layer
- Using this solution, the clients were getting better insights into application performance and behavior, enabling proactive issue detection and troubleshooting
- Skills: Microsoft Fabric, Azure Data Factory, PySpark, KQL

Remediation Categorization

📅 04/2022 - 01/2024

- Leading a team of 3, worked with the Global Support Team of Microsoft to accurately categorize Help Desk tickets based on the actual issue identified and measures taken by the agent to resolve the issue
- Extracted, transformed and loaded the data from on-premise database to ADLS Gen 2 using Azure Data Factory, thereafter using NLP techniques in DataBricks like word2vec,stemming,lemmatization etc. to transform the data and run LSTM model on trained data, thus bringing the resolution time to few automated minutes
- Responsible for estimating the cluster size, monitoring and troubleshooting of the Spark Databricks cluster
- Skills: Azure Services, PySpark, Python, NLP

Supplier Quality Assurance

📅 08/2021 - 11/2022

- Led a team of 2 data engineers and data scientists to help MARS optimize its supplier base by evaluating supplier performance using key metrics (quality, cost, delivery), forecasting future reliability using Prophet time-series models and visualizing insights in an interactive Power BI dashboard
- Using our time series forecasting model, the company was able to filter out the low performing suppliers gaining a profit in the upward of \$100M
- Azure Data Factory, Databricks, PowerBI, DAX