

Gangamini Suriyawatta

Data Analyst | Data Enthusiast

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PROFILE

Self-motivated and analytical professional with a BSc (Hons) in Information Technology specializing in Data Science from the Sri Lanka Institute of Information Technology (SLIIT). With expertise in both data analysis and data science, I bring a strong foundation in statistical analysis, data modeling, machine learning, and data visualization. Passionate about leveraging data to drive insights and predictive models, I seek opportunities to apply my combined skills in data analysis and data science to solve complex business problems and support data-driven decision-making.

EDUCATION

Sri Lanka Institute of Information Technology

2020 – 2023

BSc (Hons) in Information Technology Specializing in Data Science

SKILLS

- | | | | |
|------------------|--------------------|------------------------|-------------------|
| • Python | • Machine Learning | • MySQL, MSSQL, Oracle | • Communication |
| • R | • Deep Learning | • Azure, AWS | • Problem Solving |
| • HTML, CSS | • Image Processing | • Apache Spark | • Teamwork |
| • Power BI | • Azure ML Studio | • GitHub | • Adaptability |
| • Advanced Excel | • Databricks | | • Time Management |

WORK EXPERIENCE

Antler Industries (Pvt) Ltd

Jun 2024 - Present

Data Analyst Executive – Data & Analytics

- Converted internal reports from Excel to dynamic Power BI dashboards, enhancing data visualization, interactivity, and overall reporting efficiency.
- Use SQL & Advanced excel to prepare accurate and detailed reports for the management & sales team.
- Collaborate closely with the sales team and management to understand data needs and deliver accurate, timely insights.

Zillione Technologies (Pvt) Ltd

Jun 2023 – Jun 2024

Associate Engineer – Business Intelligence

- Developed Power BI dashboards for ACE Travels in Maldives, demonstrating proficiency in Power BI Desktop, Power BI Service, DAX, Power Query, data visualization, data modeling, ETL processes, and data analysis.
- Standardized dashboards for publication on Microsoft AppSource, ensuring high-quality data modeling, ETL processes, and advanced data visualization using Power BI.
- Developed a chatbot using Microsoft Copilot Studio and Microsoft Bot Framework, focusing on conversational design and enhancing user experience (UX) design for seamless and engaging interactions.
- Developed a sales forecasting time series model for Flintec US, involving data preprocessing and model building to predict sales trends and improve decision-making.

Zillione Technologies (Pvt) Ltd

Dec 2022 – May 2023

Intern Data Analyst - Business Intelligence

- Designed and implemented Power BI dashboards for Accounts Payable (AP) and Accounts Receivable (AR) for Ace Travels Maldives, optimizing financial reporting and data insights.

PROJECTS

20 World Cup Cricket Data Analytics [Python | Pandas | Power BI] [Link](#)

- Developed a Power BI report to identify the top 11 T20 cricket players by analyzing player performance data from ESPNcricinfo, using Pandas for data cleaning and transformation.
- Used the resulting Power BI dashboard to select players for various categories (openers, middle order/anchors, finishers, all-rounders, specialist fast bowlers) and ultimately choose the top 11 players to play in the match.
- Selected team using the Power BI dashboard has 90% of chances to win the game.

Revenue insights in hospitality domain [Power BI | Excel] [Link](#)

- Atliq Grands noticed a loss in their market share and revenue over a few months. To understand the cause of this loss, they needed a way to analyze this. I created a dashboard in Power BI using three months of data.
- With the created dashboard, Revenue team of Atliq Grands were able to gain insights about their revenue trend. This could help in regaining their revenue and market share by 20% in the next month.

HR Data analytics [Power BI | Excel] [Link](#)

- Designed a Power BI dashboard to track employee data for the HR team, including working hours, attendance, performance, and leaves. The dashboard streamlined HR processes and increased efficiency.
- This Dashboard can save 3-4hrs of work for the HR daily.

IPL Data Analysis with Spark [Python | PySpark | Azure Databricks | SQL] [Link](#)

- Led the IPL Data Analysis project, utilizing PySpark to process large volumes of Indian Premier League (IPL) match data and extract insights on player and team performance.
- Leveraged Databricks as a collaborative platform for efficient data processing and analytics, while using SQL for querying and managing the data.
- Demonstrated expertise in big data technologies, showcasing the ability to handle complex data analytics with Spark and Databricks.

Olympic Data Analytics with Azure [Data Factory | Data Lake Gen 2 | Synapse Analytics | Databricks] [Link](#)

- Conducted an in-depth analysis of Olympic data, leveraging Azure cloud technologies for scalable data processing and analytics.
- Managed data workflows with Azure Data Factory, stored and organized large datasets in Azure Data Lake Gen 2, and performed advanced analytics using Azure Synapse and Azure Databricks.
- Uncovered key insights into Olympic performance trends, demonstrating proficiency in cloud-based data solutions.

Customer Churn Prediction [Python | Flask | Scikit-learn | TensorFlow | NumPy | Pandas] [Link](#)

- Led the development of a machine learning model to predict customer churn, involving data preprocessing with NumPy and Pandas.
- Built and fine-tuned the model using Scikit-learn and TensorFlow, then deployed it via a Flask web app for real-time predictions and continuous monitoring.

Airline Accident Data Warehouse [Microsoft SQL Server | SSIS | SSAS | SSRS | Visual Studio] [Link](#)

- Developed a comprehensive data management solution by building an Airline Accident Data Warehouse.
- Implemented ETL processes using SSIS to consolidate datasets and created SSAS cubes for multidimensional data analysis.
- Generated detailed SSRS reports, leveraging Report Server Configuration Manager and Report Builder for business intelligence reporting.
- Demonstrated expertise in data warehousing, ETL development, and business intelligence reporting through this project.

CERTIFICATIONS

- | | |
|------------------------------------------------|---------------------------------------------------------|
| • PL 300 - Power BI Data Analyst (Microsoft) | • Python Course (IITS) |
| • SQL for Data Science (Great Learning) | • Python And Deep Learning (DewTown) |
| • Statistic for Data Science (Great Learning) | • ML Model Deployment using Flask (DewTown) |
| • Analysis using Microsoft Excel (Coursera) | • Data Science with R programming (Simplilearn) |
| • English Language Skills for Employment (UOM) | • Introduction to data engineering on Azure (Microsoft) |

REFERENCES

Sanduni Dissanayake
Manager - Financial Reporting Tools - Arcadea Group
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Ramesh Chathuranga
Senior Software Engineer - Archnix
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