Franklin Herrera

El Salvador

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Summary

Senior Analytics Engineer with 10+ years of experience gathering, assessing, and cleaning data to uncover patterns and insights through effective reports and dashboards.

Experience

Senior Data Engineer

EY Technology Solutions

Mar 2022 - Present (1 year)

- Responsible for the technical leadership and end-to-end development of data solutions including creating data pipelines, and data quality/ validation checks leveraging large, complex data sources.

- Design data lakes and data warehouses that can support any query.

- Promote a culture of quality, reliability, and customer-focus

Senior Data Analyst

Saongroup

Feb 2018 - Mar 2022 (4 years 2 months)

- Designs, develops and deploys data warehousing, OLAP, and data mining solutions.
- Gathers business requirements for assessing information needs, and then utilizes any products out of the data warehouse / DataMart or Data Lake.
- Creates reports for the business using a readable format and best practices.
- Generates and supports with ad hoc and deep dive analysis when needed.
- Evaluates existing subject areas stored in the data warehouse.
- Incorporates existing subject areas into an enterprise model.
- Creates new or enhanced components of the data warehouse into data models.
- Designs reports and dashboards visually rich and implements BI and visualization trends, standards, and best practices.

Lead Data Analyst

INTELFON

May 2016 - Feb 2018 (1 year 10 months)

- Manage a team of 5 people to deliver technical solutions to the business.
- Assemble performance statistics, analyze them, and make recommendations for improvements.
- Developing and managing business intelligence solutions for the organization, including their effect on data and reporting, and applying the knowledge gained in designing data warehouses and reports.
- Identify and document all requirements for both new and historical data warehouse components.

Middle Data Analyst

INTELFON

May 2011 - Apr 2016 (5 years)
- Deliver ad-hoc reports using MySQL, DB2, or SQL Server about different requirements of Purchase, Sales, Inventory, and Finances.
- Identifying the development needs for the purpose of streamlining and improving the operations of the organization for efficiency and profitability.
- Analyzing business requirements and processes and recommending them to the management and executives for implementation.
- Developing and managing business intelligence solutions for the organization.
- Creating and maintaining documentation that includes the design, requirements and user manuals for the organization.

Junior Data Analyst
INTELFON

May 2009 - Apr 2011 (2 years)
- Deliver ad-hoc reports using MySQL, DB2, or SQL Server about different requirements of Purchase, Sales, Inventory, and Finances.
- Create and maintain documentation including requirements, design, and user manual.
- Analyze business processes and requirements.

Education

Coursera
Data Engineering with MS Azure Synapse Apache Spark Pools, Data Engineering
Jan 2023 - Jan 2033
- Ingest data using Apache Spark Notebooks in Azure Synapse Analytics
- Transform data using DataFrames in Apache Spark Pools in Azure Synapse Analytics
- Monitor and manage data engineering workloads with Apache Spark in Azure Synapse Analytics
- Integrate SQL and Apache Spark pools in Azure Synapse Analytics

Coursera
Data Warehousing with Microsoft Azure Synapse Analytics, Data Engineering
Jan 2023 - Jan 2023
- Design a Modern Data Warehouse using Azure Synapse Analytics
- Optimize and secure a data warehouse
- Design a multidimensional schema to optimize analytical workloads
- Manage a data warehouse

Coursera
Introduction to Microsoft Azure Synapse Analytics, Data Engineering
Dec 2022 - Dec 2022
- Use Azure Synapse Analytics to build Data Warehouses using modern architecture patterns
- Describe the features and components that Azure Synapse Analytics
- Use Azure Synapse Analytics to build your analytical solutions in one place
- Use Azure Synapse Studio application to interact with the various components of Azure Synapse Analytics

Coursera

Data Integration with Microsoft Azure Data Factory, Data Engineering

Nov 2022 - Nov 2022

- Create data pipelines in the cloud
- Manage data pipelines in the cloud
- Integrate data at scale with Azure Synapse Pipeline
- Integrate data at scale with Azure Data Factory

Coursera

Data Storage in Microsoft Azure, Data Engineering

Nov 2022 - Nov 2022

- Design and implement data storage
- Design and implement data security
- Monitor and optimize data storage and data processing
- Design and develop data processing

Coursera

Microsoft Azure for Data Engineering, Data Engineering

Oct 2022 - Oct 2022

- Data Storage in Microsoft Azure

- Connect an App to Azure storage

- Secure your Azure Storage account

- Store application data with Azure Blob storage

Udacity

Data Analyst Nanodegree, Big Data

2020 - 2020

Udacity

Data Visualization Nanodegree, Data Visualization

2020 - 2020

ISEADE - FEPADE

Postgrado Internacional en Business Intelligence, Inteligencia de Negocios

2015 - 2016

Universidad Tecnológica de El Salvador

Licenciatura en Informatica, Desarrollo de Aplicaciones Android.

2007 - 2013

Licenses & Certifications

Exam 778: Analyzing and Visualizing Data with Power BI - Microsoft
ID de certificación de Microsoft

Pyhton for Data Science - IBM
adb639cc9f5440a8a031e14c02d2d230

Data Analysis with Python - IBM

Data Visualization with Python - IBM

Skills

Git • Azure Data Factory • Azure Data Lake • Azure DevOps • Azure Data SQL • Data Quality •
DAX • Adobe Analytics • PostgreSQL • Data Analytics