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Background

Data analyst and Power BI expert with **5years** of experience utilizing **analytics** to identify trends develop strategies and improve business operations. Skilled in data mining, **ETL** processes, **data visualization** and dashboard design.

Professional Summary

- Excellent understanding of all Software Development Life Cycle (SDLC) techniques, including Agile, Scrum, Waterfall, and Project Management techniques.

- Experience in the import, transformation, and business intelligence of data using Power BI (BI), With Power BI desktop, you can author reports, visualize data, automate report updates, and produce and share dashboards based on reports.

- Experience with Power BI design expertise to create interactive reports with Power Query, Power Pivot, and Power View.

- Experience in business application development activities such as requirement analysis, functional analysis, design, development, implementation, testing, debugging, and maintenance using SQL Server 2014, 2012, 2008, 2005, SSIS, and SSRS2005, 2008, 2012, 2014, and 2016.

- Experience with data warehouse/data mart design, ETL, SQL SERVER, MSBI, and Power BI, as well as testing and implementation of ETL and business intelligence systems.

- Experience in providing workflow, and dashboard display framework, Tableau Desktop was used in the design and development of visual components.

- Excellent experience in creating DAX queries to build formulas and expressions in Power BI Desktop.

- Experience in Data Visualization development, using Power BI desktop to create complex, instinctive, and imaginative Dashboards.

- Highly proficient in SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), SQL Server Analysis Services (SSAS), and Power BI, in addition to SQL Server 2005, 2008, 2008R2, 2012, 2016, and 2018

- Have skilled in Data cleaning, manipulation, and loading ETL technologies like DataStage and SSIS.

- Experience in understanding relational databases, OLTP, OLAP, and data warehousing concepts.

- Data extraction and data manipulation techniques, such as joining many datasets together in SQL or Python and importing the results to Power BI or Tableau.

- Experienced in developing Power BI Reports with KPI Metrics for senior leadership to view the Metrics values and developed BI data mapping and BI objects (dashboards, reports, analysis, visualizations, metrics, security) design documents using Power BI.

- Extensive experience with various data processing platforms and languages including Oracle PL/SQL, SQL Server T-SQL.

- Have experience with tasks and containers to load data from numerous heterogeneous data sources to various destinations have experience with SSIS's Extracting, Transforming, and Loading (ETL) activities.

- Experienced in Star Schema and Snowflake Schema Data Modeling Techniques.

- Created ETL pipelines into and out of data warehouses as well as significant regulatory and financial reports using Snowflake's potent SQL queries are among the daily tasks that were worked on.

- Proficient in leveraging Power BI's data importing capabilities to seamlessly integrate data from SQL Server DB and Azure SQL DB, facilitating report generation and data analysis.

- Strong development skills with Azure Data Lake, Azure Data Factory, SQL Data Warehouse, Azure Blob, and Azure Storage Explorer.
- Experience in creating hierarchical folders in Azure Data Lake and creating Dataflows in Power BI connecting to it.
- Experience in constructing Python and Snowflake ETL pipelines into and out of data warehouses using Snow SQL to create SQL queries against Snowflake.
- Good knowledge of MapReduce, YARN, Hive, HBase, Flume, Sqoop, PySpark, Spark SQL, and Kafka components of the Hadoop ecosystem to create and implement enterprise-based applications.
- Knowledge of project management tools like JIRA and Team Forge, as well as version controls like GIT.

Skills & Expertise

Languages	: SQL, TSQL, DAX, MDX, C and Python
ETL Tools	: IBM DataStage, SQL Server Integration Service (SSIS).
Databases	: MS SQL Server, Greenplum, Azure SQL DB, MS Access, Oracle.
Automation	: CA-Atomic.
BI Tools	: Power BI (Power Query, Power Pivot, Power View), MSBI (SSAS, SSIS, SSRS)
IDE	: SSMS, Visual Studio, SQL DBX.
Cloud Technology	: MS Azure
Reporting Tools	: SSRS, MS Excel, Crystal Reports, Tableau Desktop, Power BI
Other tools	: Tableau, Hadoop, Hive, Snowflake, Jira, GIT.
Soft skills	: Analytical/Problem-solving, results-driven, quicker adaptability, communicative, innovative/creative.
Certificate/s	: PL-300 Microsoft Certified: Power BI Data Analyst Associate

Professional experier ce

DXC Technology
Client: CSC
Power BI Developer (January 2022 – Till Date)

Project Description: Currently working on an insurance domain project as Integral. Integral is a renowned CSC Insurance product. This project is about the client-specific development of Integral. The main tasks deal with the development of the interface development for Integral for the client. This was necessary as the client has different vendors for different modules and Integral works as the core processing engine. Hence it was the requirement that all the business information should come to Integral in an organized manner and the correct format.

- Developed, tested, and connected numerous databases and data sources to create various Power BI and Tableau visualizations for dashboard and ad-hoc reporting solutions.
- Implemented several DAX functions for various fact computations for effective data visualization in Power BI.
- Created multiple scorecards and dashboards using Power BI (Power Pivot/View) to display information needed by various departments and upper-level management.
- Power BI was used to generate reports using data imported from SQL Server DB and Azure SQL DB.
- Concentrating on usability, performance, flexibility, testability, and uniformity when designing Microsoft Power BI dashboards and maintaining the Power BI gateways.
- Have implemented Row Level Security (RLS).
- Designing OLAP, OTLP, and ETL packages as well as tabular, multi-dimensional models and dashboards.
- Created Tableau Dashboard for the top key Performance Indicators for the top management by connecting various data sources like Excel, Flat files, and SQL Database.
- Used SSIS packages were developed to validate, extract, transform, and load data into data warehouses.
- Generated, updated, and scheduled a variety of SSRS reports, including tabular reports, matrix reports, and parameterized reports created a variety of Tableau reports based on the client's requirements.
- Created sophisticated T SQL / P SQL queries for SSRS Report join conditions, unions, aggregates, and expressions.

- The migration of SQL Server 2008, 2012, and 2014 to SQL Server 2016 was successful after creating various data sets on Azure.
- A Python script was created to process big data sets and extract data from various files.
- Worked on extracting data from databases like SQL, MySQL, flat files, and Excel and putting it into target tables in SQL Server, SSIS packages were created.
- Successfully achieved an impressive 75% reduction in processing time, optimizing a SQL stored procedure from 3 hours to just 45 minutes.
- Confluence was utilized for all project-related documents, JIRA was used for daily development chores, and QC was used for defect tracking during development and documentation.

Environment: Power bi, Tableau, Jira, Azure, SQL, Scala, Star Schemas, Snowflake, ETL, T SQL, P SQL, DAX, SSIS, SSRS, SSAS, KPI, EXCEL, Power Pivot, OLTP, Sqoop, Hadoop, MY SQL, Hive, Python, Spark SQL, OLAP, Unix, Linux.

Mastek Ltd
Client: Maybank Malaysia
Power BI / SQL Developer (April 2019 – Jan 2022)

Project Description: Elixir is a system built by Majesco for Maybank Bank Malaysia for individual life insurance. The system includes important modules of new business, policy servicing Finance and claims and GST. I have worked on the system for the policy servicing module as well as gaining knowledge on the various parts of the module along with post-production incidents.

- Developed Power BI reports were built using joins in several tables across various databases using complex SQL queries.
- Used Star-schema dimensions and cubes were constructed for analysis using SQL Server Analysis Services (SSAS).
- Worked on how to schedule ETL jobs to execute every night into data marts using SQL Server Agent. Data was loaded into databases using newly created dynamic SSIS packages as well as modified ones.
- Worked in order to extract huge datasets from heterogeneous sources like MSSQL Server, MySQL, and Oracle for different audiences, writing SQL queries, stored procedures, and views.
- Developed sophisticated T SQL / P SQL queries for SSRS Report join conditions, unions, aggregates, and expressions.
- Used ingesting data into one or more Azure Services (Azure Data Lake, Azure Storage, Azure SQL, Azure DW), work was done on data processing in Azure Data bricks.
- Used SSIS packages were developed to import data into SQL Server from flat files, Excel files, and OLEDB.
- Extensive experience with Snow-Flake Modelling, FACT& Dimension Tables, Physical and Logical Data Modelling, Star Schema Modelling, and Data Warehouse.
- Maintained the Tableau Gateway to guarantee the accuracy of all Tableau reports and Dashboards.
- Worked on DAX (Data Analysis Expressions) query created measurements. SSAS Tabular Models should be created, with DAX expressions added and deployed.
- Created tables, views, indexes, functions, and stored procedures using T-SQL objects.
- High-performance ETL programs were developed and created utilizing SSIS to move and alter data from MS Excel and SQL Server.
- Worked with Tableau was developed to deliver reports and dashboards in a short amount of time in an agile environment.
- Construction and documentation several technologies were utilized, including Confluence for all project-related documents, JIRA for regular development activities and QC for defect management.

Environment: Power BI, SSIS, SSRS, Agile, Scrum, Tableau, KPI, Power Pivot, Sqoop, Azure, Spark API, Python, Pyspark, Jira, Jenkins, SQL, Scala, Star Schemas, Snowflake, ETL, T-SQL, MY SQL, DAX, Hive Spark, Spark SQL, T-SQL and PL SQL.