BHARGAVI YEPIRALA

PROFILE SUMMARY:
- 6+ years of experience in handling projects with Supply chain Analytics team as a Developer.
- Experience on technologies like in developing BI applications using Microsoft Power BI, SQL, Snowflake, SAP and Excel.
- Experience on data warehouse concepts like Star schema and snow flake schema.
- 6+ years of experience as a Researcher, specializing in Nano coatings applied to form drill bits and the prediction of multi-variable analysis.

POWER BI:
- Good experience on importing the data from various data sources by using various types of connection mode. The connection modes like Import and Direct Query.
- Experience and having knowledge on Joins, Merge, append queries, Duplicate and Reference tables in Power Query Editor.
- Experience to use options in Power Query Editor like enable load, split columns, merge columns, add columns, conditional columns, and custom columns.
- Importing the data from various data sources into Power BI desktop and transforming the data in Power Query Editor and generating Reports and Dashboards.
- Experience in Power Pivot to build data modeling and same time implement DAX operations and also having good experience on maintaining the relationships.
- Knowledge in creating the calculated columns and measures with the use of DAX Expressions like Aggregate and Filter Functions, Text Functions, Logical Functions, Date and Time Intelligence Functions.
- Experience in creating Power Query formulas and creating KPI's based on client requirement.
- Knowledge in creating Edit Interactions of Highlight Action, Filter Action adds interactivity to the visualizations.
- Knowledge in creating Scorecards, Bookmarks for Reports.
- Expertise in making Parameterized reports, drill-down and drill-through, to use multidimensional data by navigating from one level down to a more detailed level.
- Creating Workspaces, Users and Groups assigning the permissions and security to End-Users using Row Level Security (RLS) implementation.
- Experience in developing Power BI Reports, Group Creation and Effective Dashboards after gathering and translating End-User Requirements.
- Expertise in Publishing Power BI Reports of Dashboards in Power BI Server and scheduling the dataset to refresh for live data in Power BI Server.
- Deploying and Scheduling Reports using Power BI to generate all Daily, Weekly, Monthly and Quarterly Reports including current status as per client requirement.

- Experienced in implementing on-premises data gateways which acts as a bridge to provide quick and secure data transfer between on-premises data to several Microsoft cloud services.
- Expertise in creating Data visualizations like Clustered Column Chart, Bar Chart, Donut Chart, Line Chart, Scatter Plot, Tree Map, Slicer, Gauge Visualization and Custom Visuals.

PROFESSIONAL EXPERIENCE:
BI Developer | KOCH Business Solutions | Bangalore | 02/03/2022 – 31/07/2023

Collaborated with supply chain analysts, managers, and stakeholders to gather requirements and understand business needs.
- Designed and developed Power BI reports and dashboards to visualize supply chain data, including inventory levels, demand forecasting, production schedules, and distribution metrics.
- Created interactive visualizations using various Power BI visuals to enable users to drill down into data for deeper insights.
- Developed and maintained complex data models, integrating data from multiple sources, and optimizing data for efficient querying.
- Implemented ETL processes to extract, transform, and load data from different databases and sources into Power BI.
- Conducted performance tuning to improve the responsiveness and speed of Power BI reports and dashboards.
- Implemented security measures to ensure data privacy and access controls within the Power BI platform.
- Collaborated with the IT team to troubleshoot and resolve technical issues related to data connections and platform integration.
- Provided training sessions and workshops to educate business users on navigating and extracting insights from Power BI dashboards.

Sr. Software Engineer | MAPPS INFOTECH| Chennai | 06/02/2012- 03/08/2016
- Supported the data analytics team in collecting, cleansing, and analyzing supply chain data.
- Assisted in developing Power BI prototypes to visualize trends and patterns in procurement spend and supplier performance.
- Participated in data validation and reconciliation efforts to ensure data accuracy and consistency.
- Collaborated with team members to automate manual data entry processes, reducing errors and saving time.
- Gained hands-on experience with Power Query, Power Pivot, and DAX functions.

EDUCATION:

Master's in Business Analytics | Texas A & M University of Commerce | Dallas
Dec 2024
Doctor of Philosophy in Mechanical Engineering | Sri Venkateswara University | Tirupati
August 2022
Master of Technology in Mechanical Engineering | Sri Venkateswara University | Tirupati
Jan 2012
Bachelor of Technology in Mechanical Engineering | Sri Venkateswara University | Tirupati
April 2008

PUBLICATIONS:

[1] Y.Bhargavi, V.Diwakar Reddy, P.Bhaskara, "Effect of process parameters on petal height and heat generated during bushing formation in form drilling of Al8011", Materials Today: Proceedings, Elsevier, Vol 46, pp. 8934-8940, 2021**. (Elsevier)**

[2] Y.Bhargavi, V.Diwakar Reddy "Dimensional analysis of Form drilling parameters by Buckingham Pi theorem and optimization of Heat generation in Form drilling Process by Taguchi", Smart Innovation, system and technologies, Springer Vol. 169, pp. 633-644, 2020. **(Springer)**

[3] Y.Bhargavi, V.Diwakar Reddy, P.Bhaskara, "Experimental Investigations and Metallurgical Aspects of Form Drilling on Al 8011" International Journal of Mechanical and Production, Vol. 8(3), pp.767-788 2018. **(Scopus Indexed, UGC Referred)**

[4] Mekala Brahmaiah, Y. Bhargavi, Prof. V. Diwakar Reddy "Tool selection and optimization of Heat generation in Form drilling Process by Taguchi" Journal of Applied Science and Computations, ISSN NO: 1076-5131, Volume VI, Issue II, February, pp.255-261, 2019. **(UGC Referred)**

[5] M.Naveena , Dr.V.Diwakar Reddy , Y.Bhargavi, "Enhancing Mechanical Properties of Friction Stir Welded Al Alloy Joint by Adding Copper and Magnesium Particles" The International journal of analytical and experimental modal analysis, ISSN NO: 0886-9367,Volume XI, Issue XII, December, pp.2204-2217, 2019**. (UGC Referred)**

[6] Nirmala O, Bhargavi Y, Sreedhara Reddy P, Diwakar Reddy V "Synthesis of hexagonal YMnO3 nanoparticles by sol-gel route and their characterization" Manufacturing Technology Today, Vol. 17, No. 09, September 2018. **(UGC Referred)**