

VIGNESHWAR JEYAKUMAR

POWER BI DEVELOPER / DATA ANALYST

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Motivated, teamwork-oriented Power BI Data Analyst with nearly 2 years of experience in Business Intelligence(BI), Data Warehousing concepts (DWC), gathering data and transforming into insightful reports and dashboards. Well-versed in identifying business needs. Key achievements: Built 4 automated reporting dashboards using Power BI and Power Automate, reducing the report creation time from 2 hours 15 minutes per reports.

TECHNICAL SKILLS

Power BI Desktop & Service

T-SQL

DAX

Data Visualization

Data Warehousing

Pandas

R/Python

Azure

Business Intelligence

Azure Data Factory

Azure Synapse Analytics

Py Spark

Azure Databricks & ADL

Tableau

ETL

Predictive Analysis

Data Modelling

Machine Learning

Deep Learning

Agile Methodology

PROFESSIONAL EXPERIENCE

➤ HCL Tech, Chennai, India

Software Engineer - Power BI Developer

02/2023 - 09/2023

➤ Temenos, Chennai, India

Associate Product Engineer - Power BI Developer

03/2022 – 02/2023

Roles and Responsibilities:

- Gathered and analyzed 2 TB of data from various sources including Azure Synapse Analytics, SQL Servers, Excel and other data sources.
- Analyzed Sales and Loan data to identify trends, patterns, and opportunities for process improvement, which helped save \$ 11K+ in annual operational costs.
- Developed and optimized more than 60% of the reports and dashboard using the Power BI platform.
- Collaborated with cross-functional teams to develop a comprehensive data analysis solution, resulting in a 50% increase in efficiency.
- Optimized dashboard performance by implementing indexing and partitioning resulting in a 30% decrease in load time
- Improved dashboard usability by implementing interactive visualizations resulting in a 20% increase in user engagement.
- Reduced report development time by 50% by implementing best practices, RPA and utilizing custom visuals.
- Created and designed a sales performance dashboard resulting in a 25% increase in sales revenue
- Identifying key Performance Indicators (KPI) to help banks adjust and fulfill objectives.

AWARDS

1. Power BI Developer - **Platinum Batch Holder** - HCL
 2. First Runner-Up In Brakes India Hackathon-2020 (02/2020) Conducted By (BIH-Chennai)
Automation of Automotive Brake Part Inspection Using Camera-Based Vision System
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CERTIFICATION

1. **Power BI Data Analyst** Associate Professional – by Microsoft on Jul, 25 2023 with a score of **917/1000**.
 2. Azure Data Fundamentals – by Microsoft on Sep 11 2023 with a score of **913/1000**.
 3. **Azure Data Engineer Associate** - by Microsoft on Sep 20 2023 with a score of **834/1000**.
 4. DP-203-Azure Data Engineer – Udemy
 5. **Microsoft Power Automate** - Udemy
 6. Power BI Developer – Certification by Skill Soft (03/2023- 06/2023)
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PERSONAL PROJECT

1. Automation Of Automotive Brake Part Inspection Using Camera- Based Vision System **using Deep Learning** (12/2019 -02/2020 - **First Runner-Up**) – **Deep Learning**
Role – Gathering, Pre-Processing the Dataset, Localization and Modeling.
Skill Sets: Data Science | Keras | Matplotlib | Pandas | Deep Learning | Data Processing
Description
The model is developed to detect any minute defects like scratch, dents using **Faster RNN** in order to get faster model at the same time with better accuracy.
Novelty- As it was a metal while capturing the images in order to avoid over exposure in the bend of brake part we have used gamma correction to flatten the image.
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EDUCATION

Bannari Amman Institute of Technology (BIT) - Erode

Bachelor of Engineering - ECE - 2022

- CGPA - **8.57**
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TOOLS AND SOFTWARE: Power BI | Power Automate | Tableau | Business Intelligence (BI) | SQL Server Integration Services (SSIS) | SQL Server Analytical Services (SSAS) | SSMS | MySQL | EXCEL | AZURE.

TECHNIQUES: Agile Methodology | Data Quality and Standards | Data Mining | Business Analysis | Extract, Load, Transform (ETL) | Data Warehousing | Predictive and statistical Analysis | Statistics | EDC | RPA | Key Performance Indicators (KPI) | Pivot Tables | Macros & VBA.
