

SAIIFI HAIDER

Business Intelligence Analyst, Cummins India

Power BI | Python | SQL | Machine Learning | Deep Learning | Power Platforms

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SUMMARY

Dynamic and results-driven professional with over **5+ years of total** experience, including **3+ years of extensive experience** in data analytics, business intelligence, and engineering. Expert in leveraging Python, R, SQL, Tableau, and Power BI to drive strategic decisions and optimize performance. Proven track record in stakeholder engagement, data governance, performance tracking and advanced energy management strategies. Experienced **Business Intelligence Analyst** with over **2.5 years of experience** in crafting compelling data narratives and conducting data analysis.

EDUCATION

Imarticus Learning Post Graduate Program in Data Analytics and Machine Learning	Pune, India March 2021 - February 2022
COEP Technological University MTech in Automotive Technology	Pune, India August 2018 - September 2020
D Y Patil college of Engineering Ambi Talegaon Bachelor of Engineering Mechanical Engineering	Pune, India August 2012 - May 2016

SKILLS SUMMARY

Languages	: - Python, SQL, R
Data Science	: - Machine Learning, Deep Learning, Time Series, Statistical Analysis, Predictive modelling and analysis, Automated Data Processing, Data Preparation, Cleaning and Modelling, Data mining, Data quality, Data visualizations, Data analysis, Natural Language Processing (NLP), Big Data Technologies, Web Scraping
Libraries	: - Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, Selenium, BeautifulSoup-Soup
Tools	: - Microsoft Power BI, Excel, PowerPoint, Tableau, MySQL, SharePoint, Power Automate, Databricks, AWS
Platforms	: - Anaconda, PyCharm, Jupiter Notebook, Visual Studio Code, Jira, Spider
Soft Skills	: - Report Building, Strong Stakeholder Management and Collaboration, Project and People Management, Decision-making support, Leadership, Business Requirements Analysis and Process Modeling, User Acceptance Testing (UAT), Problem Solving, Process Improvement, Agile Methodologies

WORK EXPERIENCE

Business Intelligence Analyst Manager Cummins India	August 2023 - Present
Business Intelligence Analyst Assistant Manager Cummins India	May 2022 - August 2023
<ul style="list-style-type: none">Automated, Scalable QR Ticketing Real-Time System Design and Developed for India ABO Family Day, which managed the event with 3000+ attendees, resulting in cost savings of up to few lakhs for the event. (Best H2 2023 Project Award)Designed and developed a comprehensive Business Scorecard that provided real-time visibility on key business metrics, helping leaders enhance decision-making, improve operational efficiency, and resulting in 570 hours of saving. (Received Best H1 2023 Project Award)Streamlined data collection and reporting procedures, reducing processing time by 15% and enhancing efficiency.Implemented process improvements and automation solutions, resulting in a 20% increase in productivity.Collaborated with 2+ cross-functional teams to gather requirements, define project scopes, and ensure alignment with business objectives, fostering effective teamwork and project success.Utilized advanced DAX for complex calculations in developing and maintaining interactive dashboards and reports in Power BI. Leveraged data modelling and Power Query for advanced data manipulation, connecting to various data sources including OLAP, Oracle, SQL Server for comprehensive data integration and real-time insights.Developed Power Apps to capture user inputs, seamlessly patching and saving data into SQL Server for efficient data storage and retrieval.	
Data Analyst Thurro - Adqvest Capital Advisors Private Limited	February 2022 - May 2022
<ul style="list-style-type: none">Automated processes using Python and built reports with R programming.Developed and maintained data pipelines for efficient data collection, processing and extracted raw data from websites.	
Research Intern Automotive Research Association of India (ARAI)	June 2019 - June 2020
<ul style="list-style-type: none">Acquired comprehensive knowledge of hybrid electric vehicle architecture and configuration.Designed conventional and hybrid electric vehicle plant models for simulation.Developed an Energy Management Control Strategy for a 4WD Hybrid Electric Vehicle, resulting in a 15% improvement in fuel efficiency.Validated base vehicle plant models on the Indian DRIVE CYCLE.Integrated Simulink customized sub-models into Amesim Vehicle Plant Models for co-simulation.Created a swappable battery animation video to demonstrate disassembly and reassembly.	

- o Designed and developed an **electric motor mount** for hybrid electric vehicles using design tools like PTC Creo.

Engineer Trainee | J Kumar Infraprojects limited

June 2016 - June 2018

- o Maintained P&M assets in optimal working condition.
- o Planned, organized, and managed equipment and machinery.
- o Oversaw networking and fleet management.
- o Conducted non-destructive testing (NDT).
- o Ensured pre-installation checks and testing.
- o Maintained detailed inspection records.

QHSE Responsibilities

- o Participated in Field Operations and QHSE meetings.
- o Monitored safety-related issues to achieve zero accident reports.
- o Produced comprehensive reports in line with the Quality Management System.
- o Ensured compliance with safety points and executed operations in a safe environment.

PROJECTS

Sentiment Analysis of Amazon Reviews

October 2021

- o Objective: Based on **10,000 reviews provided**, build a model which will determine the overall Positive or Negative Response of the customer.
- o Process: Text Processing and Count Vectorizer.
- o Results: Naïve Bayes Classifier gave the best **Accuracy of 97.32%and it is 13%more** compared to Decision Tree Classifier.

Event Management QR Ticketing Tool

October 2023

- o Automated, Scalable QR Ticketing System Design and Developed for India ABO Family Day. Which managed the event with **3000+ attendees**.
- o In-house development of the Tool/Process resulted in significant cost savings.
- o The organization maintained greater control over sensitive event data, reducing the risk of breaches or unauthorized access.

Fake News Detector NLP Project

January 2022 - February 2022

- o Developed a robust NLP model for detecting fake news by analyzing linguistic and semantic features.
- o Gathers diverse data from credible and fake sources, preprocesses it, and engineers features like word frequency and sentiment analysis.
- o The model, built using RNNs, CNNs, and transformers, undergoes rigorous evaluation, the model achieves impressive evaluation metrics, including an **accuracy of 92% and a precision of 89%**.

Predicting Term Deposit Subscription by a Client

September 2021

- o *Objective*: Predict whether a customer will subscribe to a term deposit when contacted by a marketing agent.
- o *Data Preparation and Visualization*: Conducted thorough data cleaning, transformation, and exploratory data analysis to understand feature distributions and relationships.
- o *Machine Learning Model Building*: Developed and evaluated multiple machines learning models, including logistic regression, decision trees, and ensemble methods.
- o *Results*: After comparing various models, Random Forest performs best with an **Accuracy of 91.44%and F1-Score 95.22**.

CERTIFICATES

Python for Data Science IBM	January 2023
Deep Learning Essentials IBM	January 2022
Data Science Methodologies IBM	October 2023
Data Visualization Using Python IBM	December 2021
Data Visualization with R IBM	December 2021
Azure Fundamentals: Big Data Analytics Skillsoft	January 2023
Google Digital Garage Certificate Google	August 2021
Yellow Belt Certificate (6S) Cummins India	December 2022
Digital Marketing HubSpot Academy	March 2024 - April 2025

HONORS & AWARDS

Cummins Best Two Project Category H2 2023 CGSA	February 2024
Cummins Best Two Project Category H1 2023 CGSA	August 2023
Cummins CGSA Quizzical 2022 Winner CGSA	November 2022
3rd Place at Imarticus Data Science Hackathon Imarticus Learning	November 2021