MUKESH KUMAR YADAV

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## ABOUT ME

## Analytically astute Business Analyst seeking to leverage my expertise in Data Analyst role. I am proficient in uncovering actionable insights from complex datasets and translating them into strategic business recommendations. My career objective is to enhance business decision-making processes through data-driven strategies.

## WORK EXPERIENCE

## Business Analyst (July 2023- Present)

## *Decision Point Analytics, Gurgaon, India*

## Spearheaded quarterly planning strategies for a leading global FMCG client, optimizing volume and promotional activities, resulting in a cost reduction of 5-6%.

## Collaborated exte

## nsively with the finance team and managed diverse stakeholders, optimizing sales operations and fostering cross-departmental alignment, achieving a 15% reduction in additional expenditure.

## Automated critical tasks, which led to a 30% boost in operational efficiency and significantly streamlined processes.

## Developed dashboards and visual reports to communicate insights and trends to senior management, aiding in data-driven decision-making.

## PROJECTS

## Biodiesel IC Engine Performance Prediction using ANN (M.Tech Thesis) | May 2023

## Spearheaded extensive research and experimentation with machine learning algorithms, transforming a negative initial outcome into a significant 72% R2 score.

Harnessed Artificial Neural Networks (ANN) to model and predict engine performance and emissions, presenting findings at academic conferences.

* **Domain-Specific Question Answering Model using Language Transformers (Inter IIT Tech Meet 11.0) | January 2023**

Engineered a cutting-edge question-answering model leveraging language transformers from Hugging Face.

Delivered outstanding performance metrics with an F1 score of 0.86 and Exact Match (EM) of 0.89, with an inference time of 764 ms.

* **Infosys Stock Price Forecasting with LSTM| November 2022**

Developed a Long Short-Term Memory (LSTM) model to forecast stock prices, achieving an R2 score of 0.92.

Executed data preprocessing, feature engineering, and model evaluation to ensure robust and accurate predictions.

* **WhatsApp Chat Analyzer App using Streamlit | October 2022**

Designed and deployed an application that analyzes WhatsApp chat data, providing detailed user statistics and insights.

Utilized Streamlit for the front-end interface and deployed the app on Render for accessibility.

**SKILLS**

* Programming Languages: Python
* Machine Learning: Artificial Neural Networks (ANN), Natural Language Processing (NLP), Basics of Computer Vision (CV), Git, Gap analysis.
* Data Analysis Tools: Advanced MS Excel, SQL, Tableau
* Communication: Excellent proficiency in English and Hindi

## ACADEMICS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Qualification** | **Institution** | **University/Board** | **Percentage** | **Degree** |
| M.Tech | IIT, Mandi | ------------- | 78.00 | Materials Engineering |
| B.Tech | BIET, Jhansi | AKTU, Lucknow | 71.88 | Mechanical Engineering |
| H.S.C | JNV, Gorakhpur | CBSE | 80.00 | 12th |
| S.S.C | JNV, Gorakhpur | CBSE | 9.8 CGPA | 10th |

# ACHIEVEMENTS

* Awarded the “Stroke of Excellence Award Q1 24" for outstanding technical and consulting skills at Decision Point.
* Secured a Bronze medal in the Inter IIT Tech Meet 11.0
* Qualified GATE twice (GATE 2020, GATE 2021)
* Won first prize in design at the Ultimate Karting Championship 2017