

# VAIBHAV VIBHUTE

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## SUMMARY

Data Analyst with expertise in AI & Machine Learning, skilled in analysing complex datasets, building predictive models, and automating data-driven solutions. Proficient in Python, SQL, and Power BI to extract insights that enhance business decision-making and operational efficiency.

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## TECHNICAL SKILLS

**Programming Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL

**Data Visualization:** Power BI, Tableau, Excel Dashboards

**Data Engineering:** Beginner-level experience with PySpark, Databricks, and Azure Data Factory for ETL processes and big data workflows.

**Data Analysis:** Data Cleaning, Statistical Analysis, Business Intelligence

**Artificial Intelligence (AI) and Machine Learning (ML):** Knowledgeable in AI-ML concepts, including supervised and unsupervised machine learning algorithms using Scikit-learn.

**Tools and Technologies:** JupyterNotebook, Google Colab, MySQL Workbench

**SOFT SKILLS:** Analytical Thinking, Problem-Solving, Communication, Teamwork, Quick Learner.

**LANGUAGES:** English, Hindi, Marathi.

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## PROJECTS

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### SALES PERFORMANCE ANALYSIS

JAN 2025

- Power BI, SQL
- Leveraged SQL to analyse over 500,000 sales records, identifying key revenue trends and patterns.
- Developed interactive Power BI dashboards to visualize regional performance and provide actionable insights for sales growth strategies.

### RANDOM PASSWORD GENERATOR USING PYTHON

MAY 2024

- Developed a Python-based software tool to generate strong, random passwords for enhanced security.
- Implemented customizable password length and a mix of alphabets, numbers, and special characters
- Utilized random and string modules to ensure unpredictability and security.

## YOUTUBE VIDEO DOWNLOADER USING PYTHON

DEC 2023

- Created a Python script to download videos from YouTube using the pytube library. • Implemented functionality to fetch video details and download the highest-resolution format.
- Enabled seamless video downloads for offline access.

## EDUCATION

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### Bachelor of Technology – Electronics Engineering

Dec 2021- July 2024

Padmabhushan Vasantdada Patil Institute of Technology, Budhgaon

CGPA – 8.00

### Diploma – Electronics and Telecommunication

Sep 2018 – Nov 2020

Padmabhushan Vasantdada Patil Institute of Technology, Budhgaon

Percentage – 82.80/100

### SSC – Maharashtra State Board

Jun 2014 – Mar 2015

Krushni Madhamik Vidhyalay Vidhyaniket, Tasgaon

Percentage – 63.80/100

## CERTIFICATIONS

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- Basic Arduino Programming and Sensor Interfacing (Logi bit) [Certificate](#)
  - AI Dashboards using Microsoft Power BI (Skill Nation) [Certificate](#)
  - Microsoft Azure AI 900 Certification [Certificate](#)
  - AIML Training Workshop by NTTF [Certificate](#)

## EXTRACURRICULAR ACTIVITIES

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- Industrial Training in Electro India. [Certificate](#)
  - Participated in the Challenge to Solution competition. [Certificate](#)
  - Completed in a Technical Quiz Competition. [Certificate](#)
  - Presented a National-Level Project in a competition. [Certificate](#)
  - Participated in Nirmiti, a National-Level Technical Event. [Certificate](#)