




Abhishek G. Kale

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PROFILE

Data-driven professional Associate Data Scientist with over 1.5+ years of internship experience, specializing in machine learning and statistical modeling algorithms. Demonstrated expertise in end-to-end lifecycle analysis, including data gathering, cleansing, and providing actionable recommendations to optimize performance. Possessing 1.6+ years of hands-on experience as a Python developer, I am eager to leverage these skills for a challenging role as a Data Scientist, driving innovation and delivering impactful solutions.

SKILLS

Programming Languages(Python, C++) **Database Skills** (SQL (MySQL), NoSQL (MongoDB))

Machine Learning(Scikit-learn) **Version Control Systems** (Git, GitHub, GitLab)

MLOps (Github Actions, Docker, Sagemaker) **Natural Language Processing** **GenAI and LLM**

Cloud Platforms (AWS, Azure) **Statistics API** (Flask, Django, FastAPI)

Data Visualization Tools (Power BI, Tableau) **Libraries**(Numpy, Pandas)

Web Development Technologies (HTML, CSS, Bootstrap) **Microsoft Office Suite** (Word, Excel, Outlook)

PROFESSIONAL EXPERIENCE

SynapseHealthTech, Associate Data Scientist 02/2024 - Present | Amaravati Maharashtra, India · Remote

- Analyzed extensive datasets to extract actionable insights, utilizing advanced statistical techniques and machine learning models.
- Developed predictive models that significantly enhanced decision-making processes within the organization.
- Collaborated closely with cross-functional teams to implement data-driven solutions and ensure alignment with strategic objectives.
- Led comprehensive data preprocessing, rigorous statistical analysis, robust machine learning modeling, and effective presentation of findings to stakeholders.
- Drove informed decision-making and fostered a culture of data-driven innovation.

iNeuron.ai, Data Science Intern 08/2022 – 01/2024 | Bengaluru, India


- Spearheaded crucial data cleaning and preparation tasks during internship, transforming raw data into a refined and usable format.
- Leveraged advanced statistical analysis and data exploration techniques to identify trends and outliers within datasets.
- Facilitated informed decision-making processes through comprehensive data analysis.
- Proficient in Python and SQL, efficiently manipulating and analyzing data to ensure accuracy and relevance.
- Created interactive dashboards and reports using Power BI, Excel, and data visualization libraries.
- Enhanced data comprehension and provided actionable insights to stakeholders.
- Contributed significantly to optimizing data-driven decision-making processes.
- Fostered a culture of data-driven excellence within the organization.

PROJECT

Review Scrapper And Deployment On Heroku, AWS And Azure  12/2022 – 03/2023


- Specialized in web scraping techniques, utilizing BeautifulSoup and Selenium to collect review data from multiple websites and platforms
- Engineered a review scraper using Python and libraries, extracting crucial review details such as text, ratings, dates, and other pertinent information
- Achieved significant improvements in accuracy of extracting relevant information, resulting in enhanced data quality and reliability

- Gained valuable insights through comprehensive analysis, empowering informed decision-making processes and strategic planning
- Selected deployment platforms based on strategic considerations, including Heroku for scalability and ease of use, AWS for robust infrastructure and service offerings, and Azure for specific features aligned with project's objectives
- Demonstrated proficiency in web scraping and data extraction techniques, as well as adeptness in leveraging diverse deployment platforms effectively
- Contributed to increased efficiency and efficacy in data collection, analysis, and decision-making processes.

Diamond Price Prediction



04/2023 – 08/2023

- Developed machine learning models (Linear Regression, Lasso, Ridge, Elasticnet) for precise gemstone price prediction, optimizing accuracy with key attributes.
- Achieved high accuracy with R2 scores around 93.7% for Linear Regression, Lasso, and Ridge models.
- Elasticnet, though slightly less accurate, still performed reasonably well with an 85.9% R2 score.
- Successfully deployed the model on AWS, allowing users to input specific diamond characteristics like carat, cut quality, color, clarity, etc and receive accurate price predictions based on them.

Resume ATS Tracking LLM Project with Google Gemini Pro


07/2023 – 09/2023

- Implemented Resume ATS (Application Tracking System) using Google's Gemini Pro API
- Evaluated resumes based on job description to provide a percentage match and highlight missing keywords
- Developed user interface using Streamlit and managed environment variables using python-dotenv

AI-Powered Educational Interface Development


09/2023 – 02/2024

- Developed an educational support system utilizing the RAG (Retrieval-Augmented Generation) pipeline and GPT (Generative Pre-trained Transformer) models to enhance response quality and provide an interactive platform for users
- Utilized Python, JavaScript, Flask, React, TensorFlow, PyTorch, and Sentence Transformers for development
- Implemented a system architecture with two main components - RAG pipeline and GPT models
- Established a processing and embedding system to convert educational materials into embeddings
- Implemented a pipeline for PDF and video processing, employing methods and algorithms for generating embeddings

EDUCATION

Dr.Kamlatai Gawai Institute Of Engineering & Technology, B.E in Electrical Engineering Cumulative Grade Performance Index (CGPA): 7.57/10	07/2019 – 06/23 Darapur, India
Mahatma Jotiba Fule Vidyalay 12th MSBSHSE Percentage : 48.46 / 100	03/2018 – 04/2019 Anjangoansurji
SHRI.S.A.VIDHYALAY 10th MSBSHSE Percentage : 68.60 / 100	02/2016 – 02/2017 Anjangoansurji

COURSES & CERTIFICATIONS

Full Stack Data Science BootCamp 2.0 iNeuron.ai, SEP 2022 - JAN 2024	Generative AI iNeuron.ai , JAN 2024	Machine Learning by Krish Naik iNeuron.ai , MARCH 2023
Deep Learning by Krish Naik iNeuron.ai, SEP 2023	DSA with Python iNeuron.ai, march 2023	C++ Programming NASSCOM, DEC 2021

INTEREST

- **Data Scientist**
- **AI Engineer**
- **Machine Learning Engineer**
- **Data Analyst**
- **Software Development**
- **Py thon developer**
- **Data Engineer**