PRASHANT KOKANDE

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**Data Scientist** skilled in Python (NumPy, Pandas, Scikit-learn) for data analysis, SQL for data querying, and Power BI for visualization. Experienced in machine learning techniques (Decision Trees, Random Forests, Logistic Regression) and DevOps tools (AWS, Docker, Kubernetes, Jenkins) for automating and deploying solutions. Demonstrated success in extracting actionable insights and optimizing workflows through effective cross-functional collaboration.

# TECHNICAL SKILLS

* Power BI Desktop • Advanced Excel • Python • Data Modelling
* Tableau • MySQL • Flask • Data Visualization
* Power Query • Jenkins • Machine Learning • Data Cleaning
* DAX • Docker • Aws • Data Storytelling

# WORK EXPERIENCE

## Data Science Intern | Jala Academy 01/2024 – Present

* Develop and deliver a comprehensive Data Science curriculum tailored to students at various skill levels, covering key areas such as data analysis, data wrangling, and machine learning.
* Provide hands-on instruction in essential tools and languages, including Python, MySQL, and Power BI, ensuring students gain practical skills alongside theoretical knowledge.

***Tools used:*** *Python, Machine learning Algorithms, MySQL, Tableau, Power BI desktop, Power query, DAX function*

## Quality Assurance Analyst, Process Executive | Nvidia Pvt Ltd 08/2022 – 07/2024

* Conducted comprehensive quality assurance testing on products to ensure compliance with company standards. Identified and documented defects, collaborating with development teams for resolution.
* Served as a trainer and mentor for new team members, developing training materials and leading workshops on QA methodologies.

***Tools used:*** *Advanced Excel*

## Data Analyst | Techno Land 09/2020 – 06/2022

* Analyzed survey data to guide project managers on site feasibility and environmental factors.
* Developed reports on project progress, resource use, budget adherence, and risks. Collaborated with managers and survey teams to deliver tailored data solutions.

***Tools used:*** *Advanced Excel*

## Sub - Editor | Lokmat Newspaper 01/2018 – 06/2020

* Conducted in-depth research and analysis for news reports, ensuring accuracy and reliability. Collaborated with editors and writers to develop content for publication.
* Utilized data to support investigation journalism, enhancing the credibility of reports.

***Tools used:*** *Advanced Excel*

# PROJECTS

## Diamond Price Prediction Model | Python, Machine Learning Algorithms, CICD Pipeline | [Link](https://github.com/Prashantkokande/ML-End2End-Project-of-Diamond-Price-Prediction)

* Fully functional **CI/CD** (Continuous Integration/ Continuous Deployment) pipeline. The project utilized AWS and Github to streamline development and deployment processes.
* This end-to-end project showcased a robust framework for handling **data ingestion**, **transformation**, **model training**, **logger**, **exception**, **deployment** and **monitoring**, making it scalable for future projects.

## Iris Flower Classification Model | Python, Machine Learning Algorithms, Flask, Docker, Jenkins, AWS | [Link](https://github.com/Prashantkokande/Iris_Model_Webpage)

* Developed a web application in Flask that classifies Iris species based on user input using a machine learning model **Decision Tree**.
* Achieved **98%** accuracy deployed model via a **Flask** web application for real-time user interaction and prediction.

## Titanic Survival prediction | Python, Machine Learning Algorithms, Power BI | [Link](https://github.com/Prashantkokande/Titanic_Dataset)

* Build a machine learning model to predict the survival of passengers based on various features using Python & created dashboard using Power BI Using Scikit-learn for building and evaluating models.
* **Decision Tree Classifier** achieved an accuracy of **80%**.

## Epi Recipes | Python, Machine Learning Algorithms, Scikit-learn, Seaborn, Matplotlib | [Link](https://github.com/Prashantkokande/EpiRecipes-Visualization-Application)

* Conducted exploratory data analysis (EDA) on recipe dataset to derive insights for enhancing user experience on a recipe platform. Assessed recipe popularity by preparation time and user engagement, identifying peak times and popular recipe categories.
* Discovered user preference trends for sodium and calorie-rich recipes over high-fat and high-protein options, guiding future content curation.

# EDUCATION

## Bachelor of Journalism and Mass Communication 07/2015 – 05/2018

*MGM College of Journalism and Mass Communication*

# CERTIFICATE

* Great Learning : Data Visualization With Power BI. [Link](https://www.mygreatlearning.com/certificate/JXTGKMAD)
* Jala Academy – Data Science