

# SAMRUDDHI CHAODHARI

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## OBJECTIVE

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Certified Data Science and Analyst experienced in ML Roboflow, deep learning NLP, seeking full-time Data Science and Analyst roles.

## EDUCATION

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<b>Bachelor of Computer Science</b> , RTM Nagpur University	2020 – 2023
<b>Diploma of Computer Science</b> , Shri Datta Meghe Polytechnic	2016 – 2019

## SKILLS

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- **Programming Languages** Python, SQL
- **Data Visualization** Power BI, Excel
- **Additional Skills** Deep learning (Tensorflow), Machine learning (Scikit-Learn), Pandas, Neural Network, AWS

## EXPERIENCE

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**Data Scientist Intern** Start- May 2024

Company – Innodatatics

- Analytically minded and detail-oriented analysis trainee with hands-on experience at 360digitmg.
- proficient in leveraging excel, power bi, python (including libraries), and SQL to extract insights and drive data-informed decision-making

## PROJECTS

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### ➤ Syringe and Vial Counting System using Image Processing.

- **Client** : One of the leading pharmaceutical company in India
  - **Business Problem** : The challenge is to design a counting system for syringes and vials that streamlines operations and mitigates the risk of human error, ultimately optimizing productivity and accuracy in the process.
  - **Business Objective** : Maximize efficiency and Minimize manual errors in inventory management.
  - **Business Solution** : First I have collect research paper related to our problem and after that we collect image from Internet, all image are first week of syringes and vials. Then we annotate all image using object detection using roboflow because
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image are less then we use augmentation to increase the dataset. After that we use 5 pertained models for model using transfer learning with the help of Robo flow and Python Streamlit libraries after that we check accuracy. And deploy model (Creating a user-friendly interface with Streamlit).

- **Technology Stack:**

- IDE: Google colab using GPU processor.
- Annotation: Roboflow (Using Object detection).
- Deployment Tools: Streamlit.

- **Business Benefits:**

- Minimize the manual effort by at least 10%.
- Achieve an accuracy of at least 96%

## **EXTRA-CURRICULAR ACTIVITIES**

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- (2018 - 2019) Leaded a Project
- (2021 - 2022) Join Secretary of College Forum