

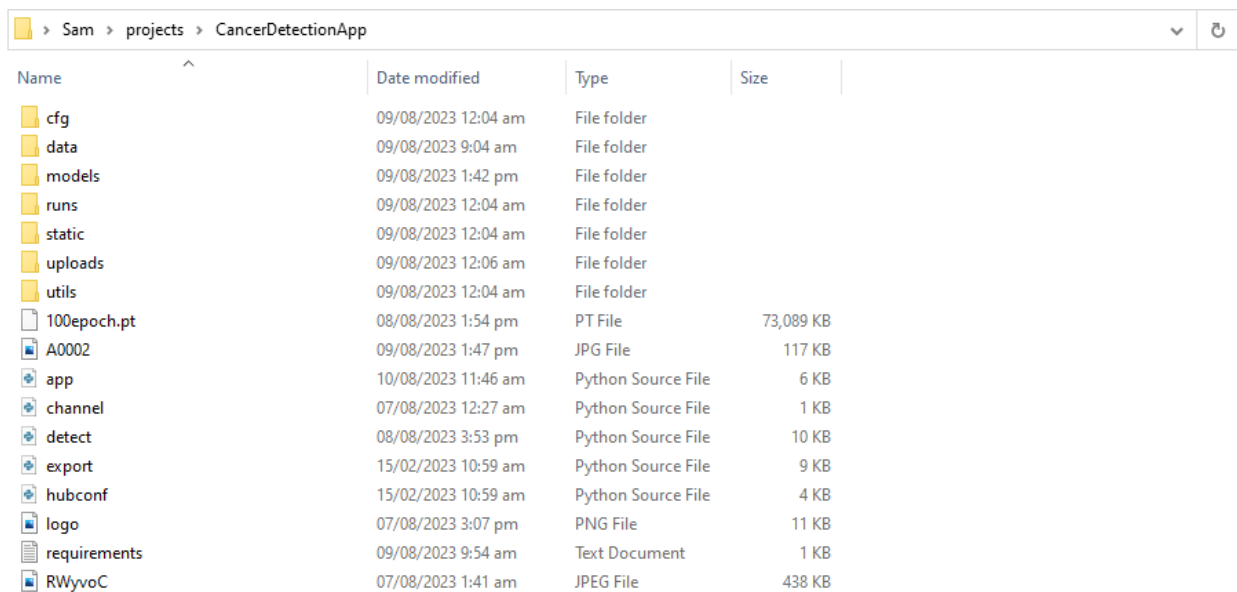
# Streamlit App Installation Guide

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Follow these steps to set up and run the Streamlit app on your local machine:

## 1. Install Dependencies:

Open terminal in project directory i.e.



The screenshot shows a file explorer window with the path > Sam > projects > CancerDetectionApp. The table below represents the contents of this directory:

Name	Date modified	Type	Size
cfg	09/08/2023 12:04 am	File folder	
data	09/08/2023 9:04 am	File folder	
models	09/08/2023 1:42 pm	File folder	
runs	09/08/2023 12:04 am	File folder	
static	09/08/2023 12:04 am	File folder	
uploads	09/08/2023 12:06 am	File folder	
utils	09/08/2023 12:04 am	File folder	
100epoch.pt	08/08/2023 1:54 pm	PT File	73,089 KB
A0002	09/08/2023 1:47 pm	JPG File	117 KB
app	10/08/2023 11:46 am	Python Source File	6 KB
channel	07/08/2023 12:27 am	Python Source File	1 KB
detect	08/08/2023 3:53 pm	Python Source File	10 KB
export	15/02/2023 10:59 am	Python Source File	9 KB
hubconf	15/02/2023 10:59 am	Python Source File	4 KB
logo	07/08/2023 3:07 pm	PNG File	11 KB
requirements	09/08/2023 9:54 am	Text Document	1 KB
RWYvoC	07/08/2023 1:41 am	JPEG File	438 KB

Then, run following command:

```
pip install -r requirements.txt
```

## 2. Run the Streamlit App:

In the same terminal, after installations from requirements.txt, run the following command:


```
streamlit run app.py
```

## 3. Access the App:

Open your web browser and go to <http://localhost:8501> to access the Streamlit app.

# App Interface:

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MedAI  - Diagnosis Simplified

### About Lung Cancer

Lung cancer is a leading cause of cancer-related deaths worldwide. Early detection can significantly improve patient outcomes. This app aims to assist medical professionals in diagnosing lung cancer using AI.

### Lung Cancer Types

The AI model was trained to detect the following types of lung cancer:


1. Adenocarcinoma (A)
2. Small Cell Carcinoma (B)
3. Large Cell Carcinoma (E)
4. Squamous Cell Carcinoma (G)

### How to Use

CONNECTING


## Lung Cancer Detection App

Upload an image or video

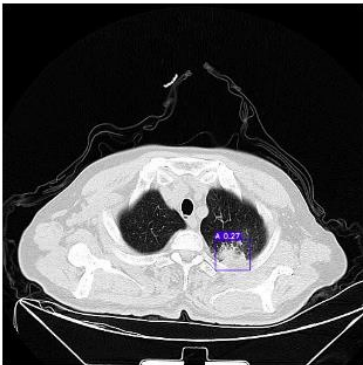
 Drag and drop file here

Limit 200MB per file • JPG, JPEG, PNG, MP4, MPEG4

Browse files



Input Image



Detected Class

Detected Cancer : Adenocarcinoma

Made with Streamlit