

## Application Building

### Run the app

Date	17 November 2022
Team ID	PNT2022TMID21290
Project Name	Project – Early detection of chronic kidney disease using machine learning

The screenshot shows the Visual Studio Code editor with the file `app.py` open. The code is a Flask application that handles a POST request to `/predict`. It uses a machine learning model to predict the outcome based on input features. A terminal window is open, showing the command `python app.py` being executed. The output indicates that the application is running on `http://127.0.0.1:5000` and that the debugger is active. The status bar at the bottom shows the file is at line 72, column 27, and the Python version is 3.8.3 32-bit.

Run app.py

The screenshot shows the web application interface. It features a central blue box with the title 'DATA ENTRY'. Inside this box, there are several input fields and dropdown menus for data entry. The fields are labeled: Name, Specific Gravity, Hypertension, Hemoglobin, Diabetes Mellitus, Albumin, Appetite, and Red Blood Cell Count. The values entered in the fields are: Name (ABCD), Specific Gravity (1.02), Hypertension (Yes), Hemoglobin (15.4), Diabetes Mellitus (Yes), Albumin (1), and Appetite (Good). The Red Blood Cell Count field is empty.

Enter details

localhost:5000

**Hypertension**  
Yes

**Hemoglobin**  
15.4

**Diabetes Mellitus**  
Yes

**Albumin**  
1

**Appetite**  
Good

**Red Blood Cell Count**  
5.2

**Pedal Edema**  
No

Predict

Prediction

localhost:5000/predict

**CHRONIC KIDNEY DISEASE  
PREDICTION RESULT**

ABCD, your diagnosis for Chronic Kidney  
Disease is Positive

Result