

Occupancy prediction using sensor data

Link to already deployed app: [occupancy prediction](#)

This is a model predictive control for occupancy detection optimizing the performance of heating, ventilation and airconditioning system. For simulation purpose, this app is deployed on heroku. Follow the steps to deploy the app outlined as follows:

1. Create a Github account if you don't have one.
2. After creating, follow the steps provided to push this repository. Otherwise, you can fork it from this [link](#).
3. Create an [Heroku account](#) and log in
 - i. Click this link: [new app](#) and create a new app (Only type the name for the app in App name and choose region (Europe) then click Create app as shown in screenshot below:

App name

Choose a region



United States



Add to pipeline...

Create app

- ii. After creating the app, navigate to the Settings tab. Scroll down and Click on Add Buildpack.
 - a. In the textbox, copy and paste this link:
`https://github.com/virtualstaticvoid/heroku-buildpack-r.git`
 - b. Click on Save changes

iii. Navigate to the Deploy tab

a. For Deployment method, select and Connect to Github, search for the name of repository(detecting-occupancy) cloned in step 1 and Click Connect, to add the repository

b. Scroll down to Manual deploy at the bottom

1. Select the main branch and click Deploy Branch
2. Wait for a while for deployment to complete

4. Once deployment is completed, the sample screenshot below will be displayed. Click on the View button to see deployed app and begin to use it.

Receive code from GitHub



Build **working** 7820ee8c



Release phase



Deploy to Heroku



Your app was successfully deployed.

 View