

1. Open This link <https://github.com/Azure-Samples/web-apps-node-iot-hub-data-visualization>
2. Create a webapp using F1 Compute with no charges completely free,
3. Download Git on your computer and install it
4. Windows Command prompt in a separate folder, Git clone the repository mentioned in first step, using a command  
git clone <https://github.com/Azure-Samples/web-apps-node-iot-hub-data-visualization.git>
5. Go to iot hub that we've created
6. Go to shared access policies
7. Click on service policy
8. Copy the connection string of service policy
9. Go to built in end points
10. Go to events
11. Create a new consumer group called **webapp**
12. Go to web app
13. Go to settings → configuration
14. Take + New Application Setting
15. **IoTHubConnectionString** and paste its value copied in step 8
16. **EventHubConsumerGroup** and its value in step 11 (webapp)
17. Now go to General Settings and **enable Web Sockets**
18. Save settings
19. git clone <https://github.com/Azure-Samples/web-apps-node-iot-hub-data-visualization.git>
20. go to deployment center in app
21. select local git and continue
22. Now select app service build service and continue
23. Finish (we've deployed our web app)
24. But the web app doesn't have any source code to execute
25. Copy the git clone url (git clone  
**`https://iot123.scm.azurewebsites.net:443/iot123.git`**)
26. Click on deployment credentials, click user credentials and enter some simple user id and password
27. `cd web-apps-node-iot-hub-data-visualization`
28. `git remote add webapp https://iot123.scm.azurewebsites.net:443/iot123.git`
29. `git push webapp master:master`
30. go to application URL