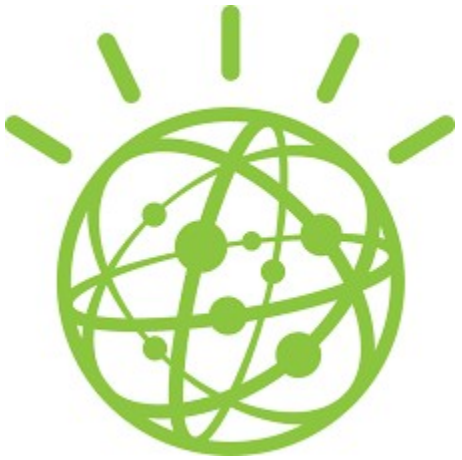
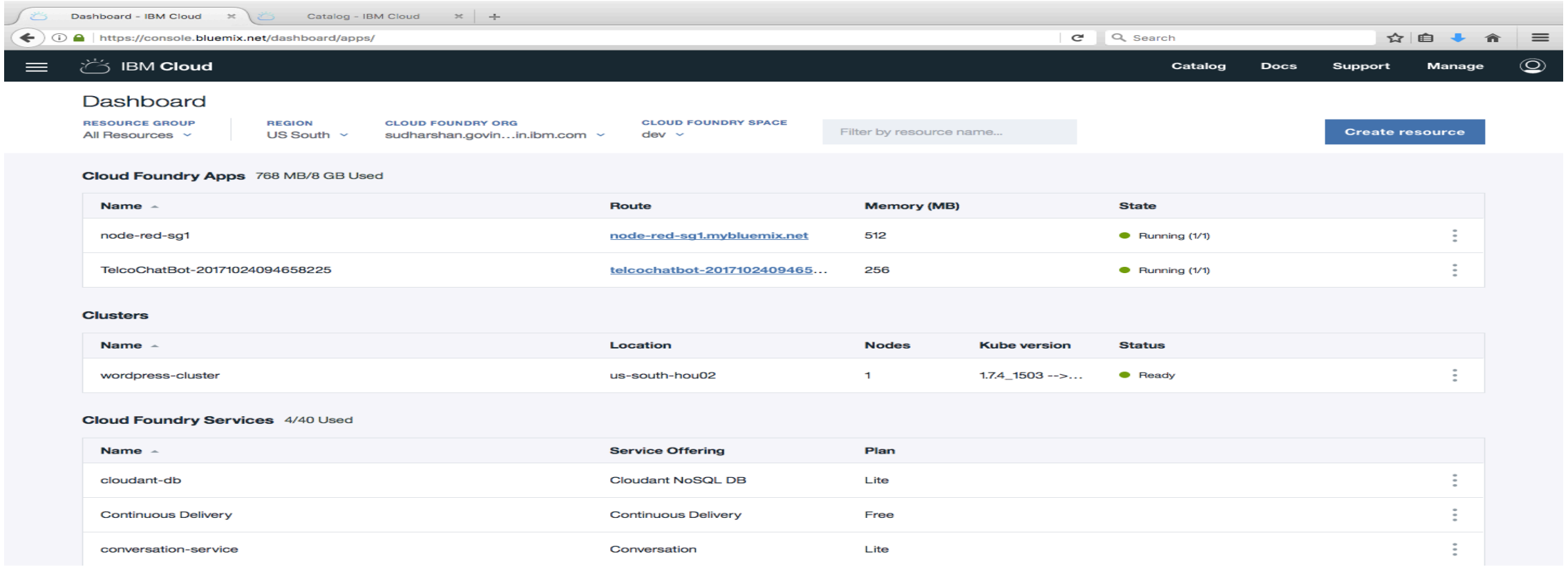


How to consume Watson APIs using Node-RED

IBM Watson

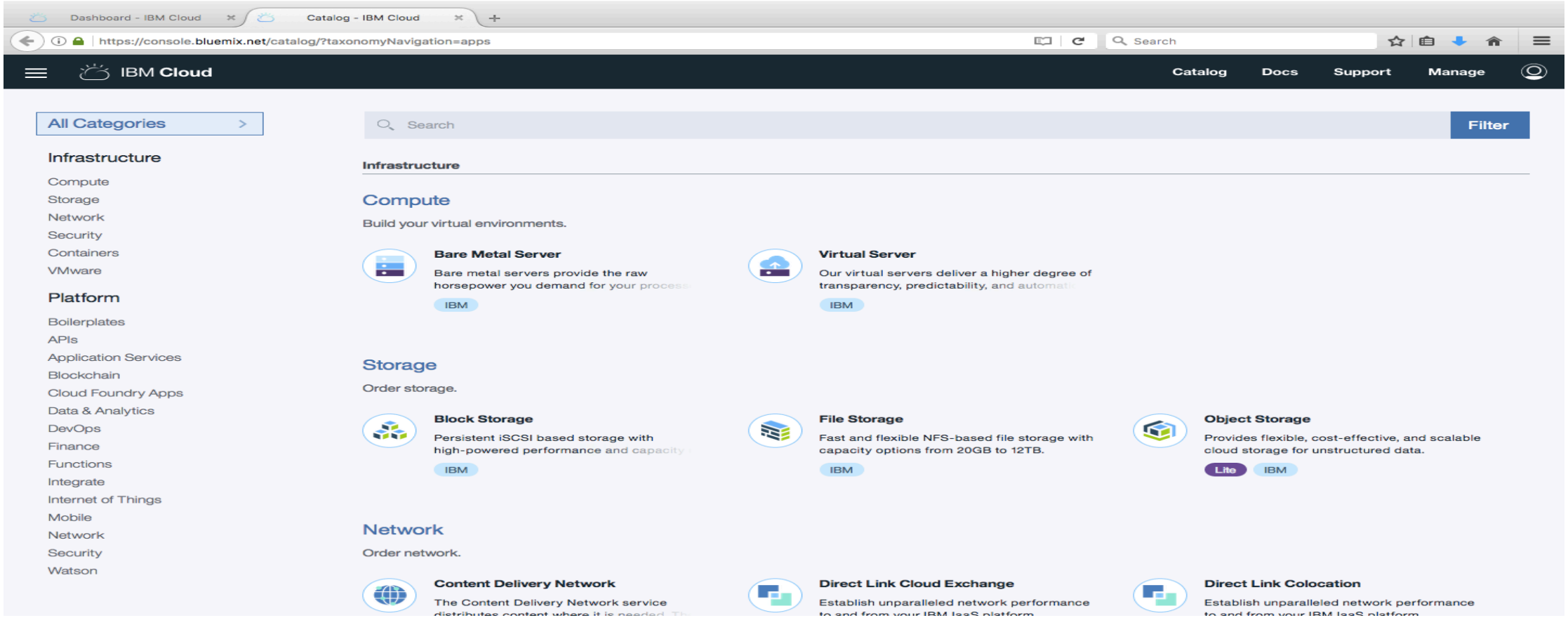
1. Go to http://bluemix.net/
2. Login or Signup for an account
3. You will be presented with Dashboard



IBM

IBM Watson

4. Click on the Catalog link at the top right
5. You will be presented with the following screen



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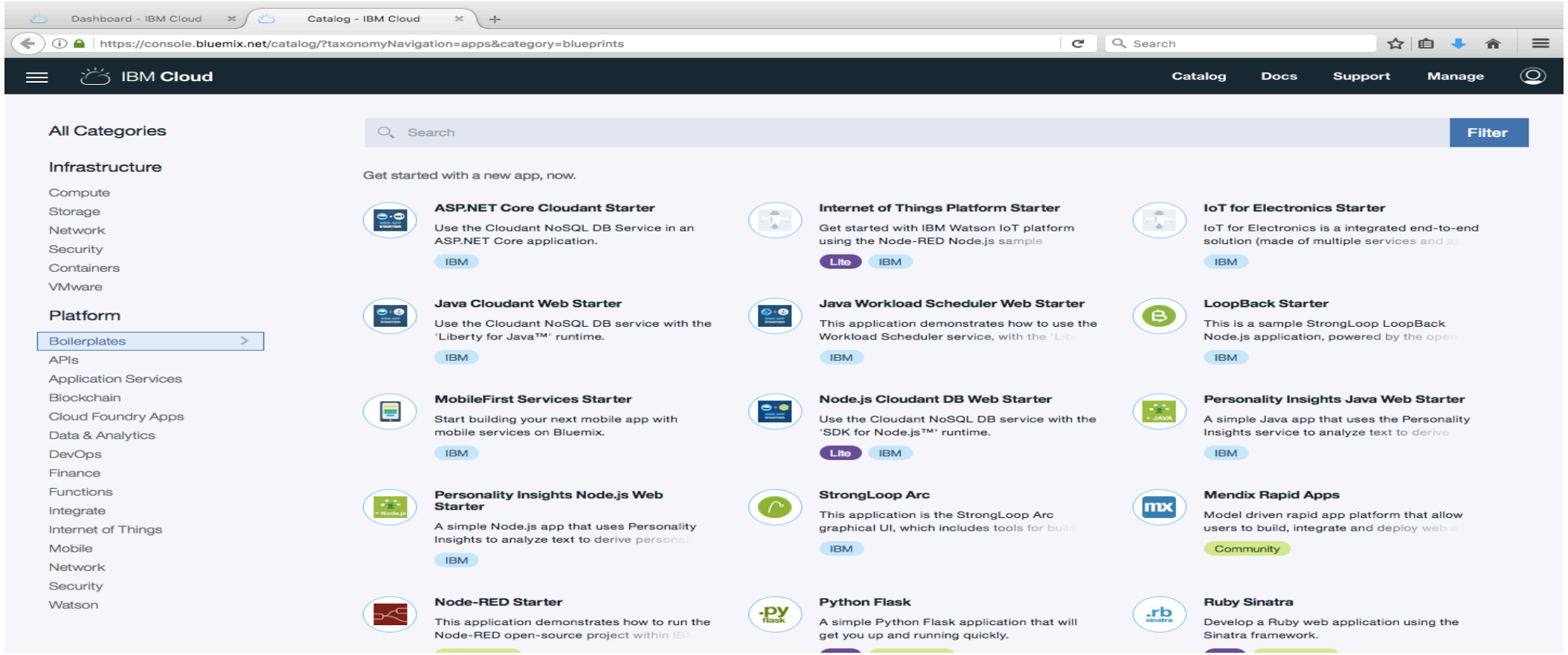
6. Click on Boilerplates from Platform category on left hand side menu
7. You will be presented with the following screen



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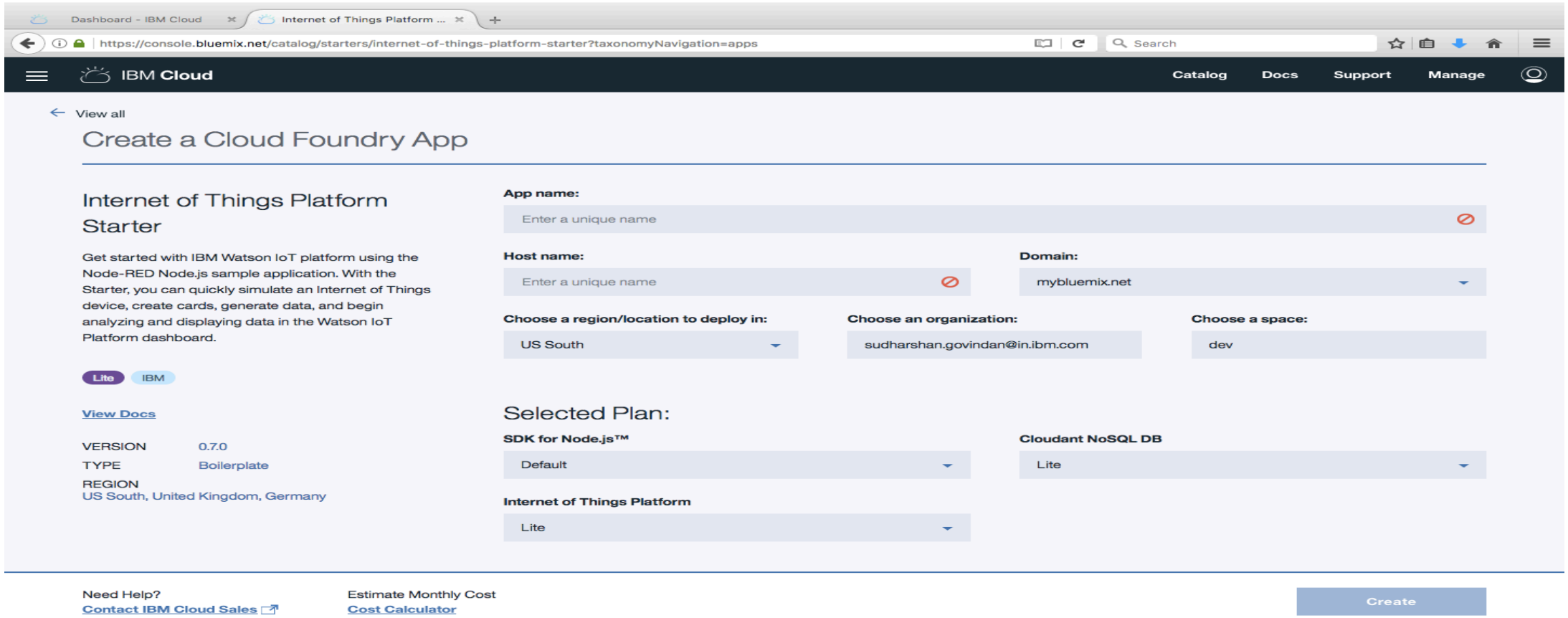
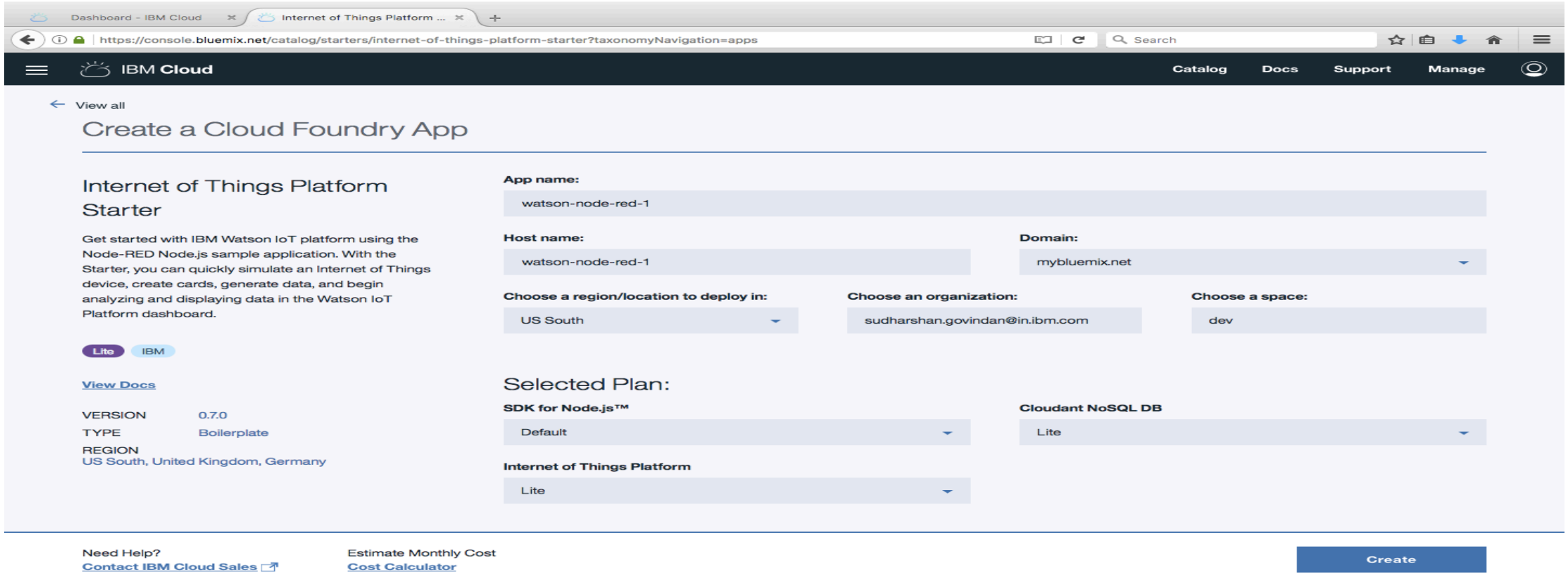
8. Select “Internet of Things Platform Starter”
9. You will see a screen like this



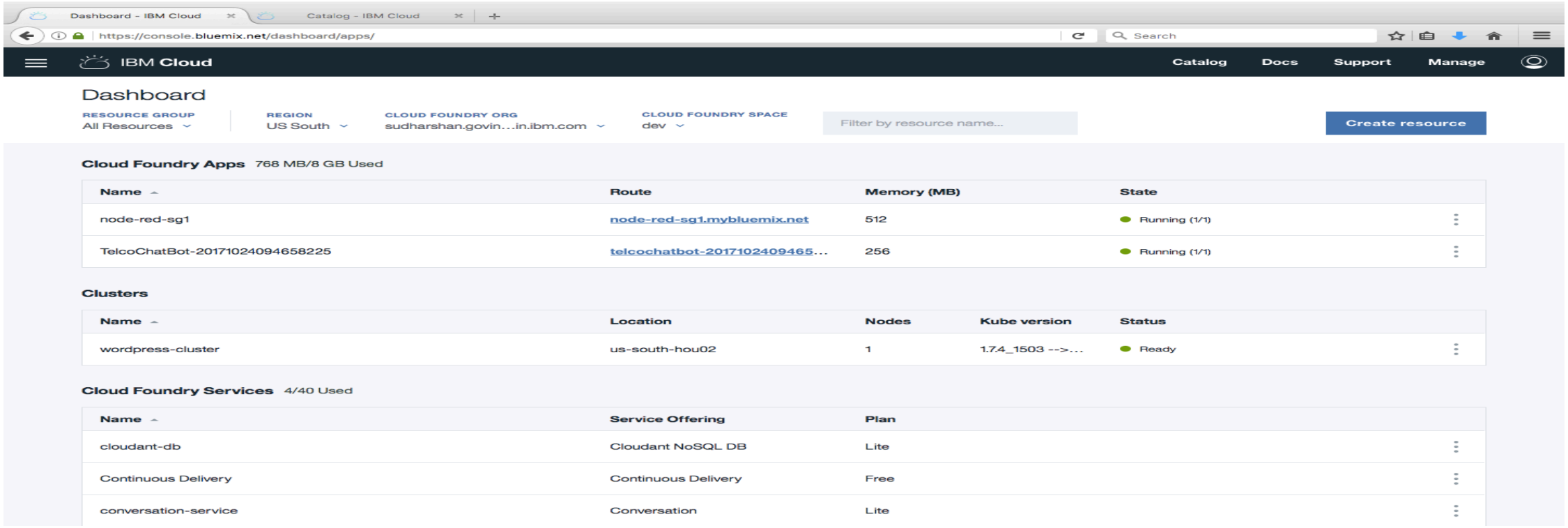
IBM Watson

10. Fill in the required values. The app name must be unique.
11. Select the correct Region, Org and Space, if not shown properly
12. Click on Create



IBM Watson

13. Go to your Dashboard to see the Cloud Foundry App and Service getting created
14. The app will be deployed and the following services are provisioned:
    - Node.js runtime
    - Cloudant database



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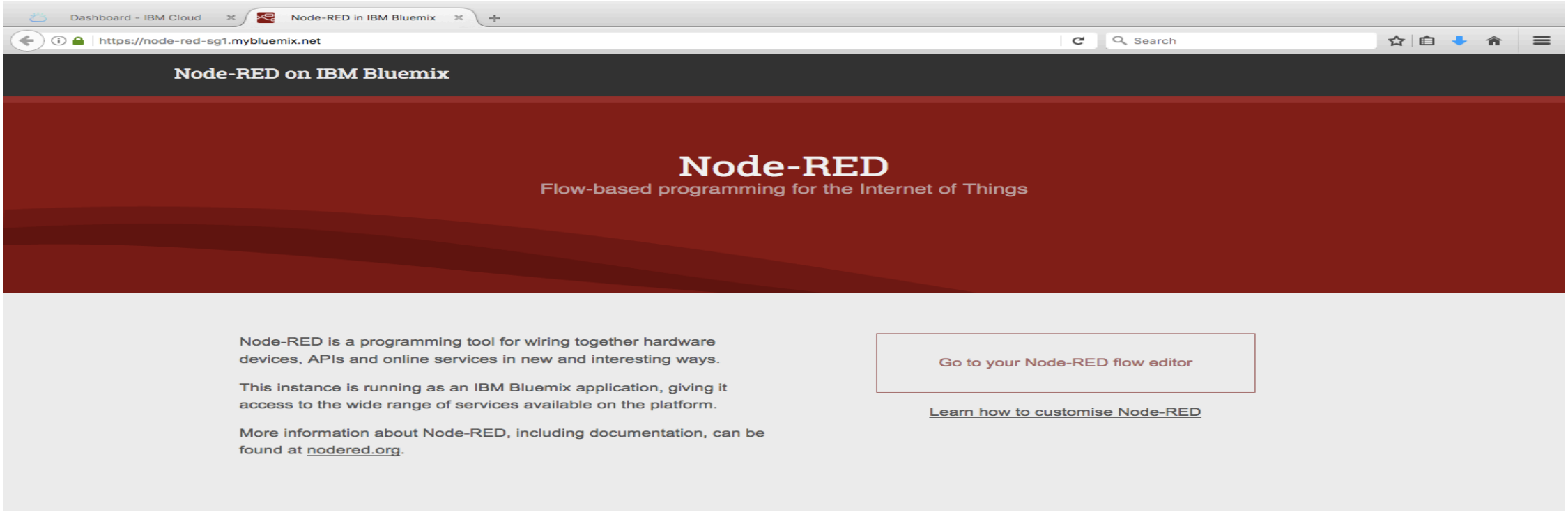
15. Click on the app name (node-red-sg1) from Cloud Foundry Apps section
16. It will take you to the Node-RED editor



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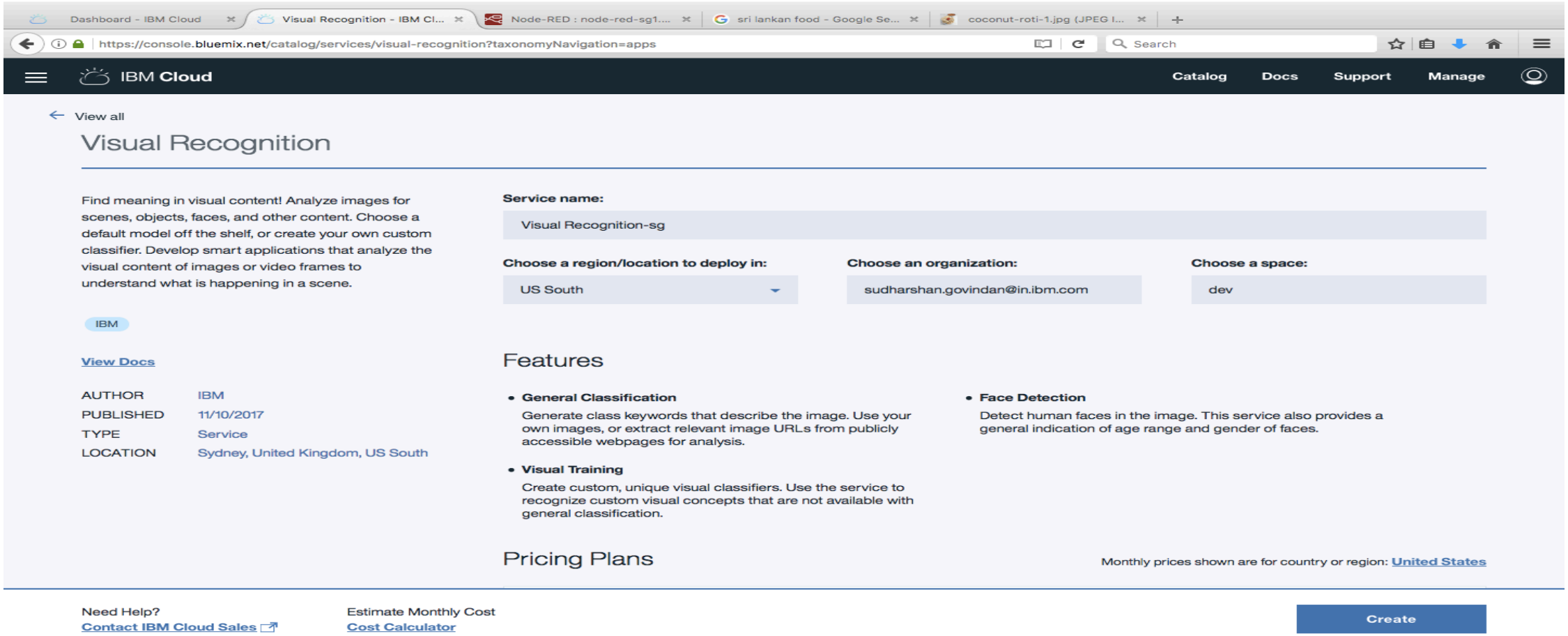
17. From Catalog of IBM Cloud console, create a Visual Recognition Service



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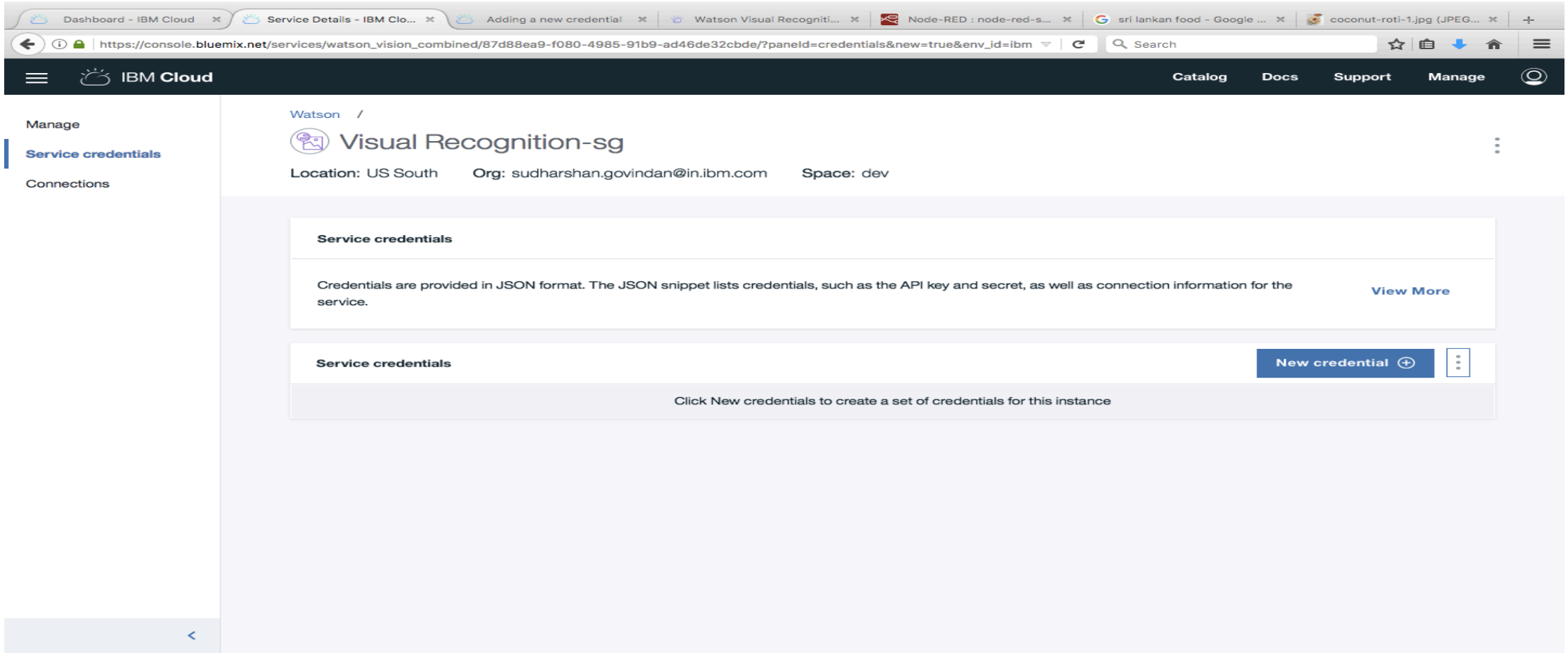
18. Click on Service credentials link from LHS menu



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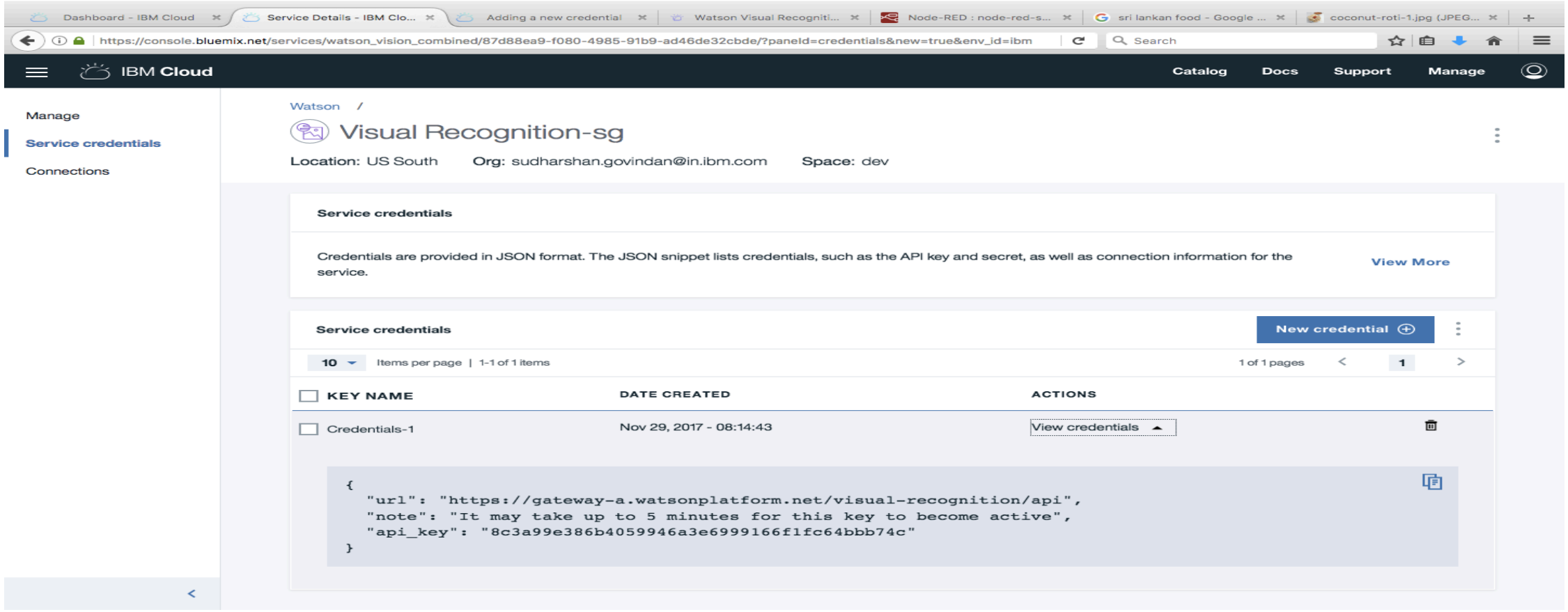
19. Click on “New credential” button
20. Note down the api_key



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21. From the Node-RED editor, drag
    - “inject” node from input
    - “visual recognition” from IBM Watson
    - “debug” from output

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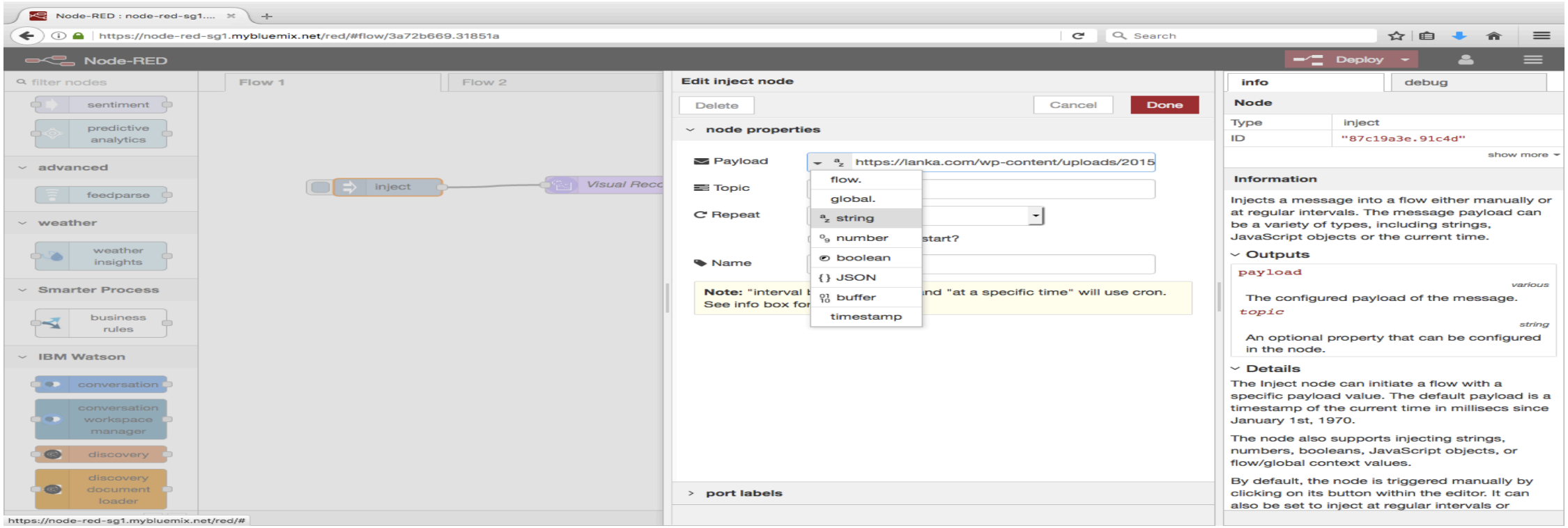
22. Drag to connect all the nodes
23. Double click on inject node. Select “string” from Payload drop-down.
24. Enter this url - https://lanka.com/wp-content/uploads/2015/04/coconut-roti-1.jpg as its value and click Done



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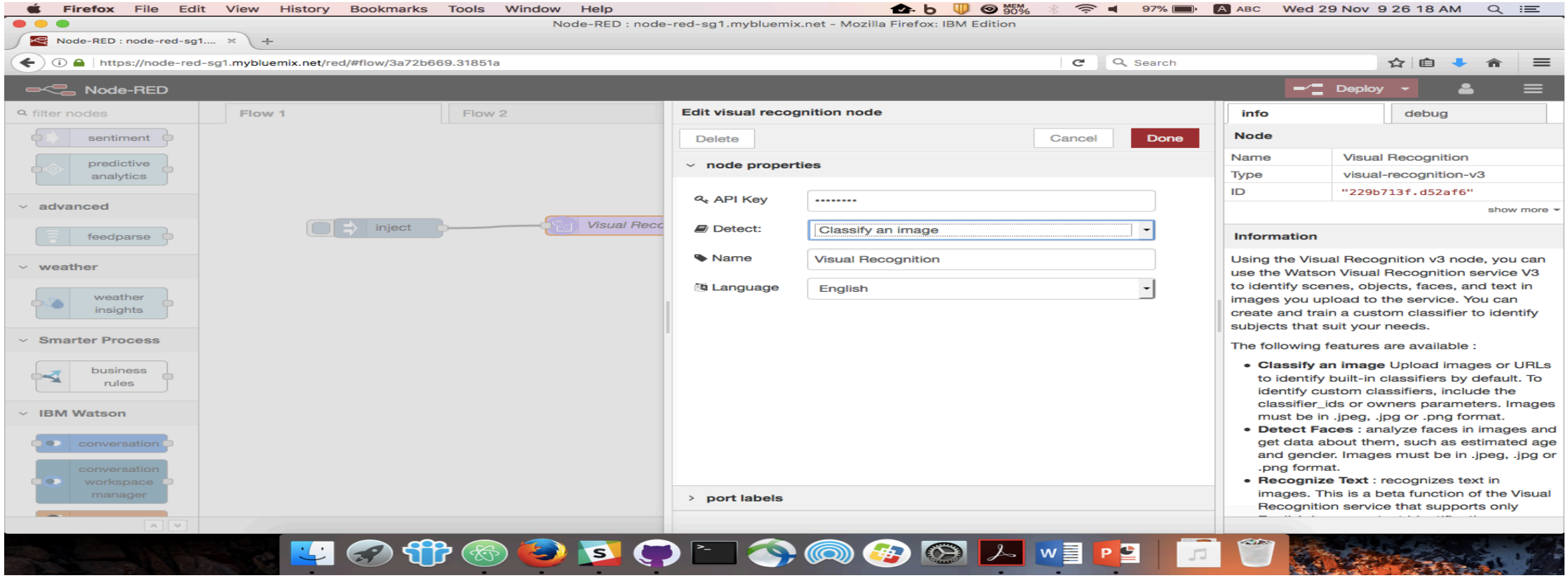
25. Double click Visual Recognition node
26. Enter the API Key from #20
27. Select “Classify an image” for Detect and click Done



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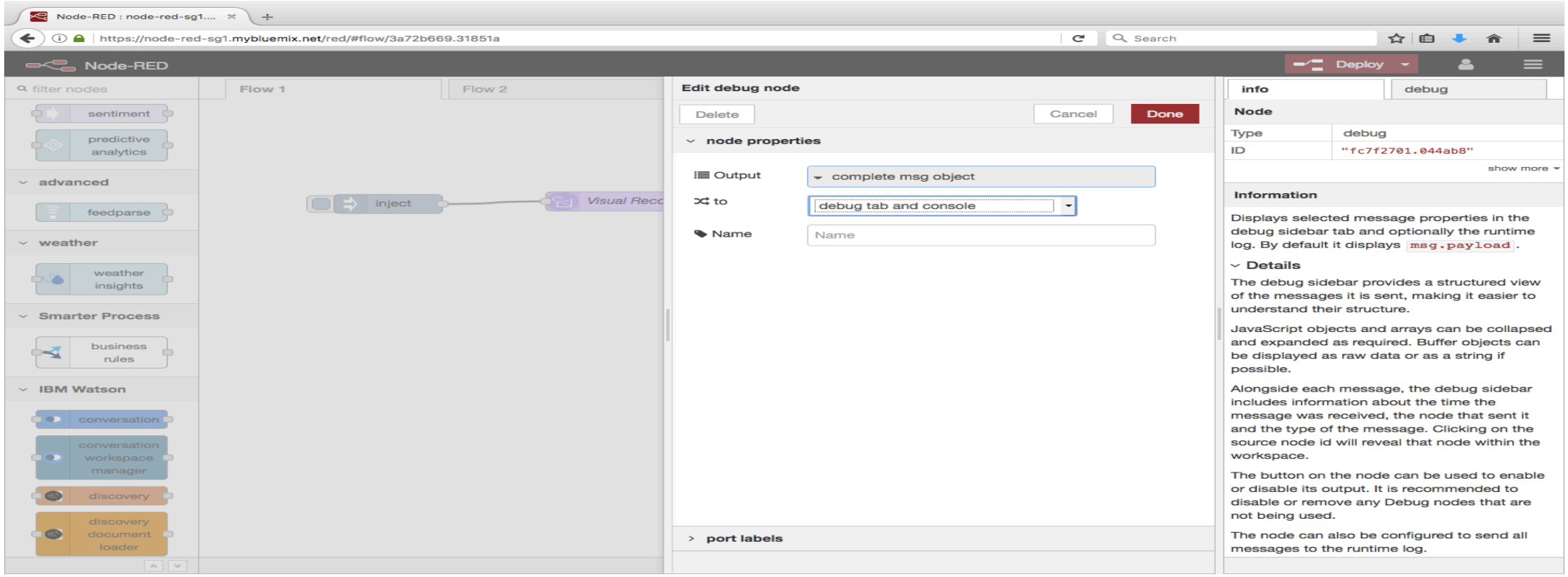
28. Double click the output node
29. Select “complete msg object” from Output drop-down
30. Select “debug tab and console” for to



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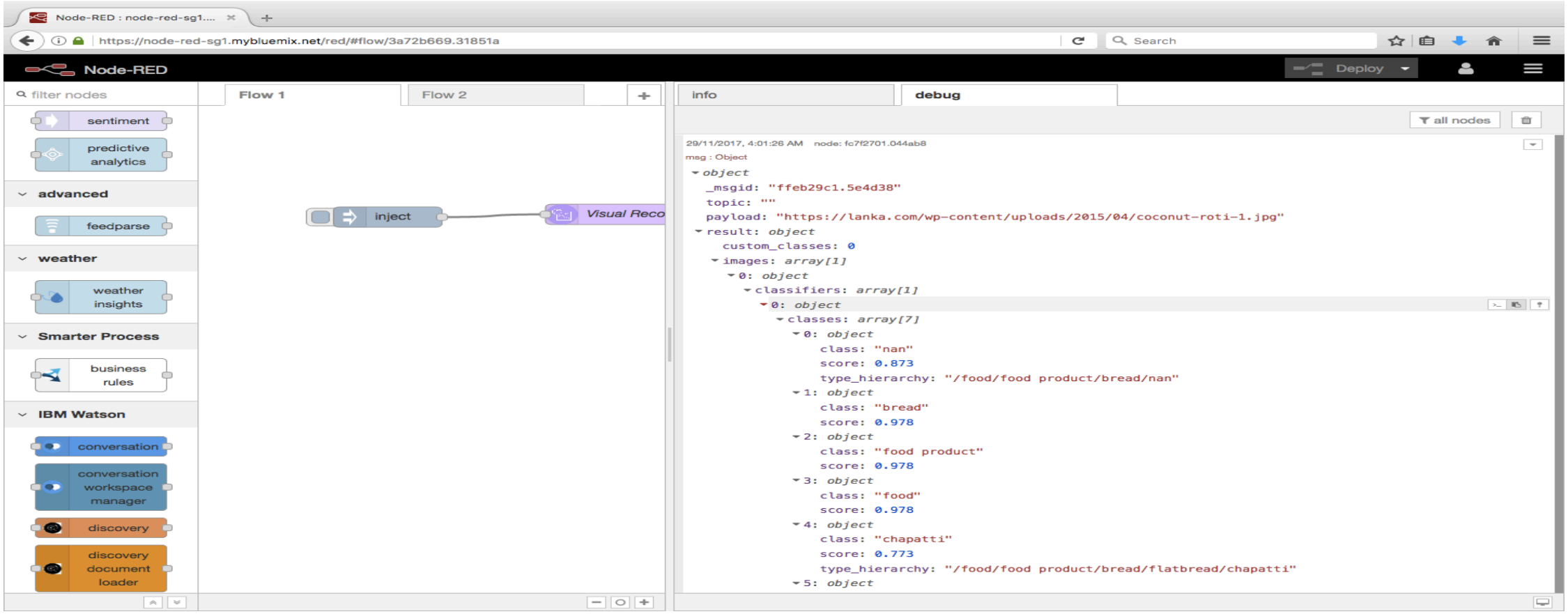
31. Click on Deploy button on the top right
32. After successful deploy, click on the input button of inject node to view the output



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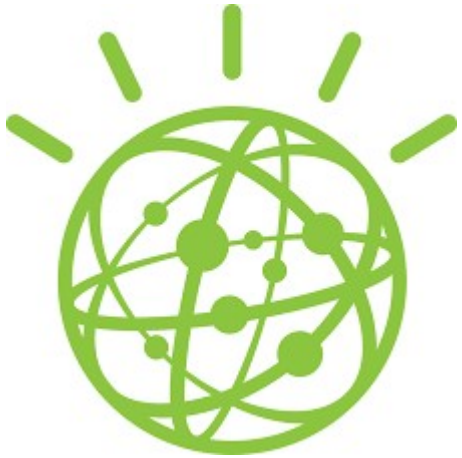
Thank You



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