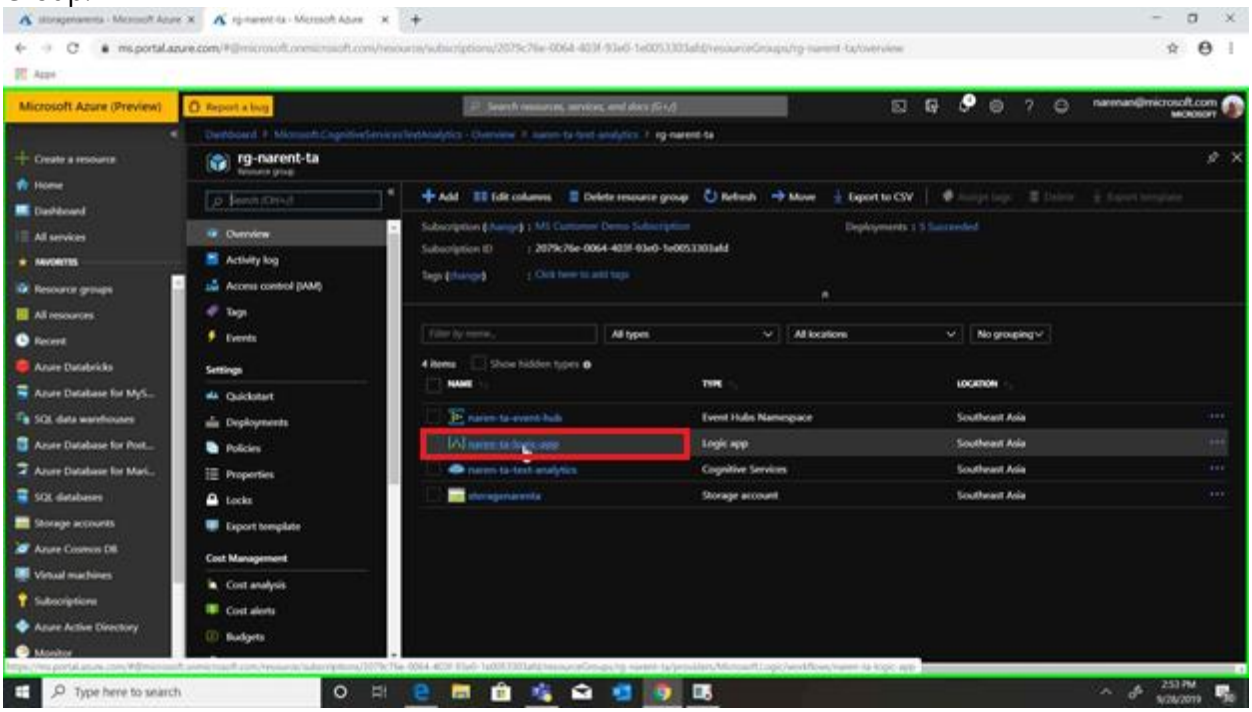
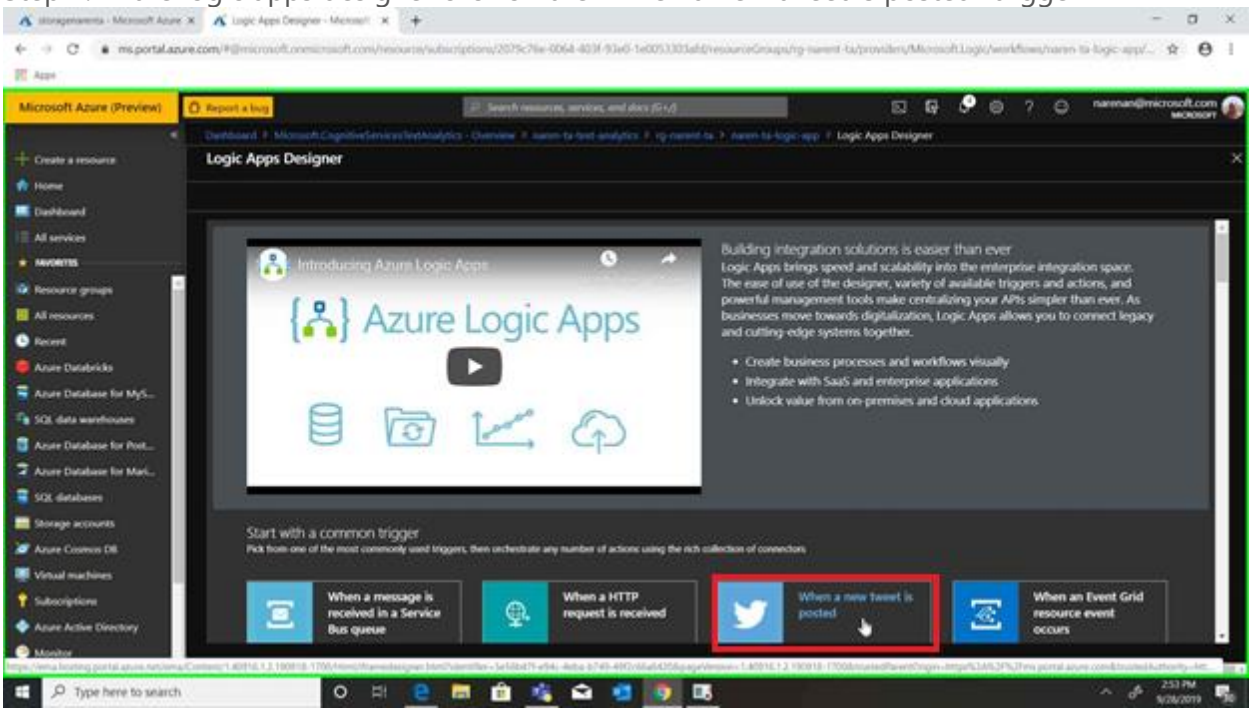
Create & Setup Logic App in Azure for Tweet Analytics

To work on Tweet analytics demo we will use Azure Logic App and create application required for this demo.

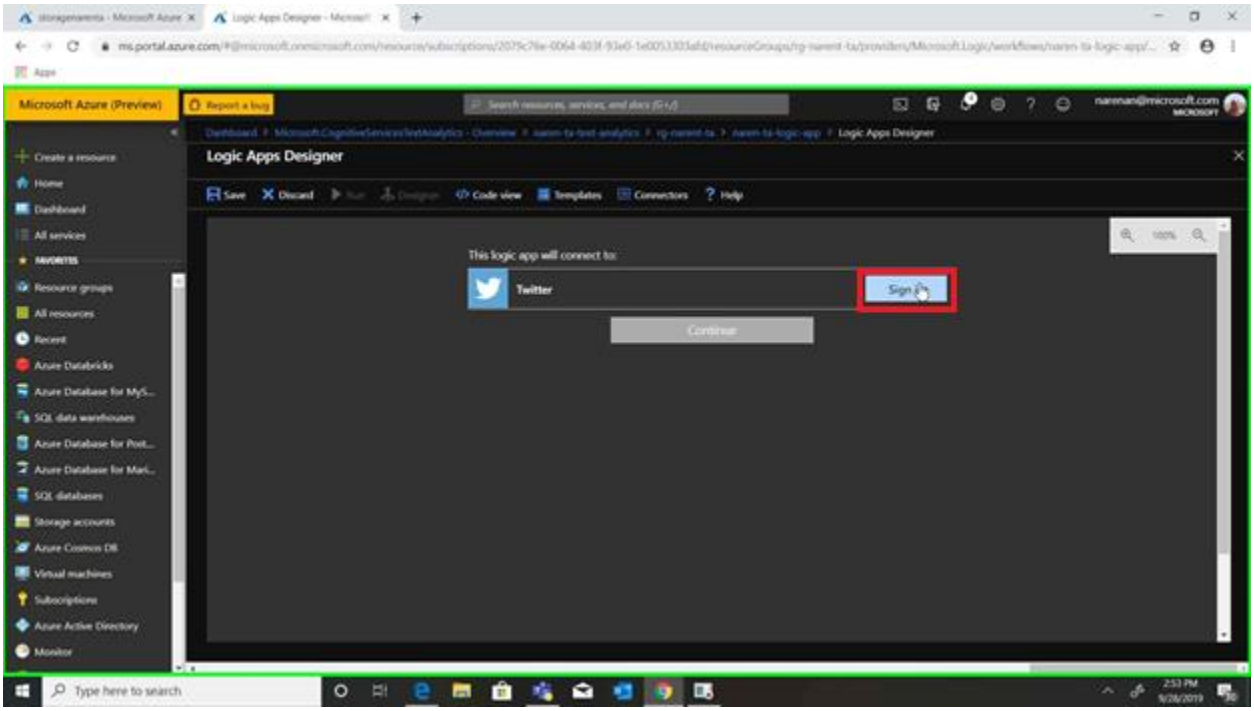
Step 1: Open Azure Portal and select Logic App from the Resource Group which you have created for the Tweet Analytics Demo. In my case I have created rg-narent-ta as a Resource Group.



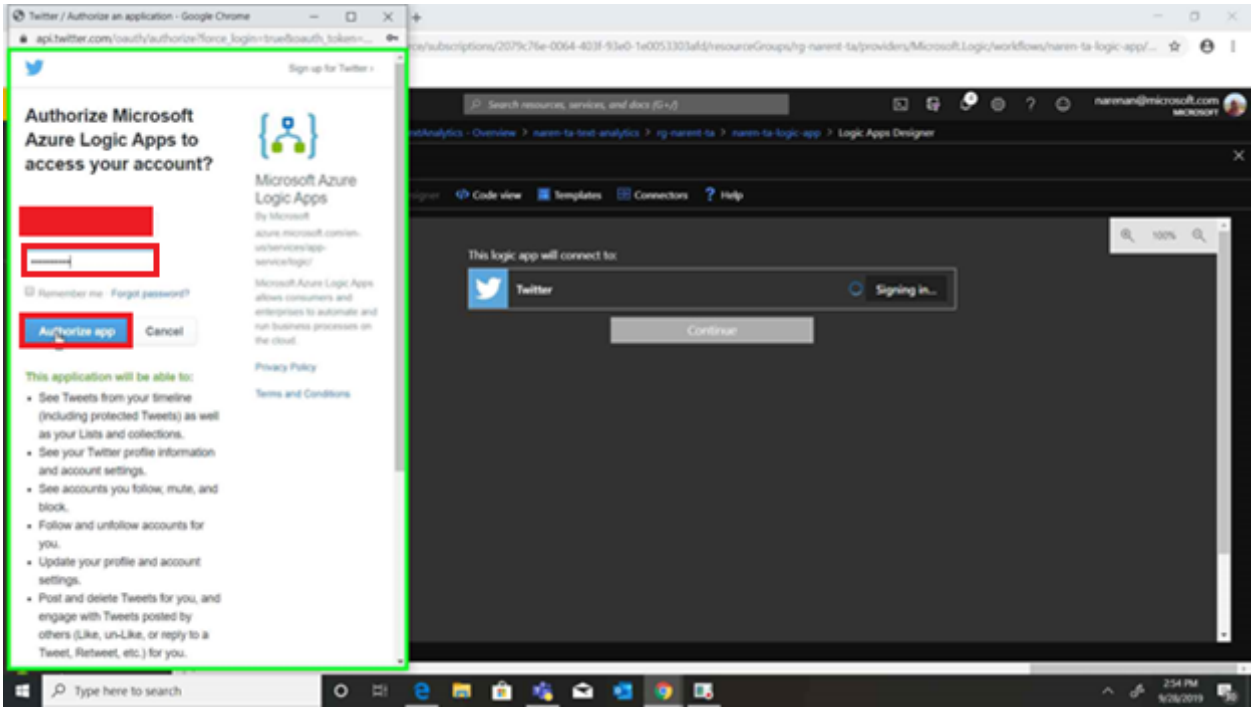
Step 2: In the logic apps designer click on the “When a new tweet is posted” trigger



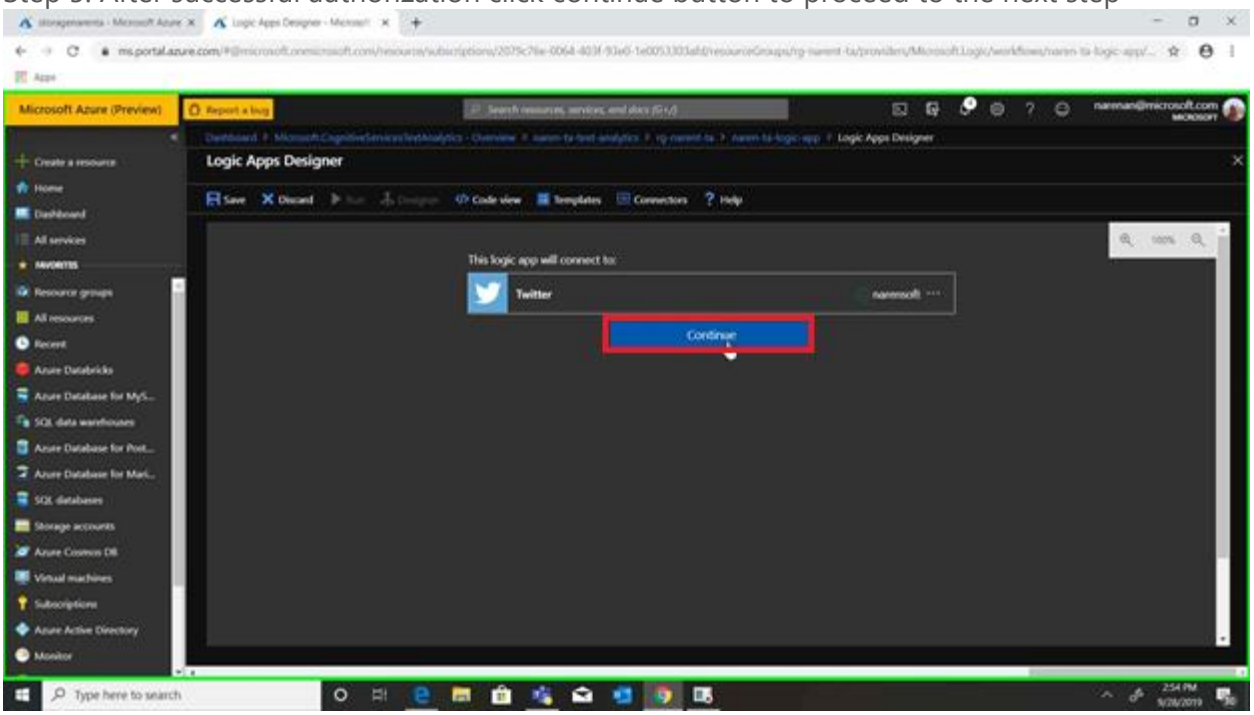
Step 3: click on the “Sign in” button to sign into your Twitter account. It will open sign in window to authorize logic apps to access twitter account



Step 4: Enter Twitter Account login and password to authorize Logic apps. Click “Authorize app” button to authorize it.

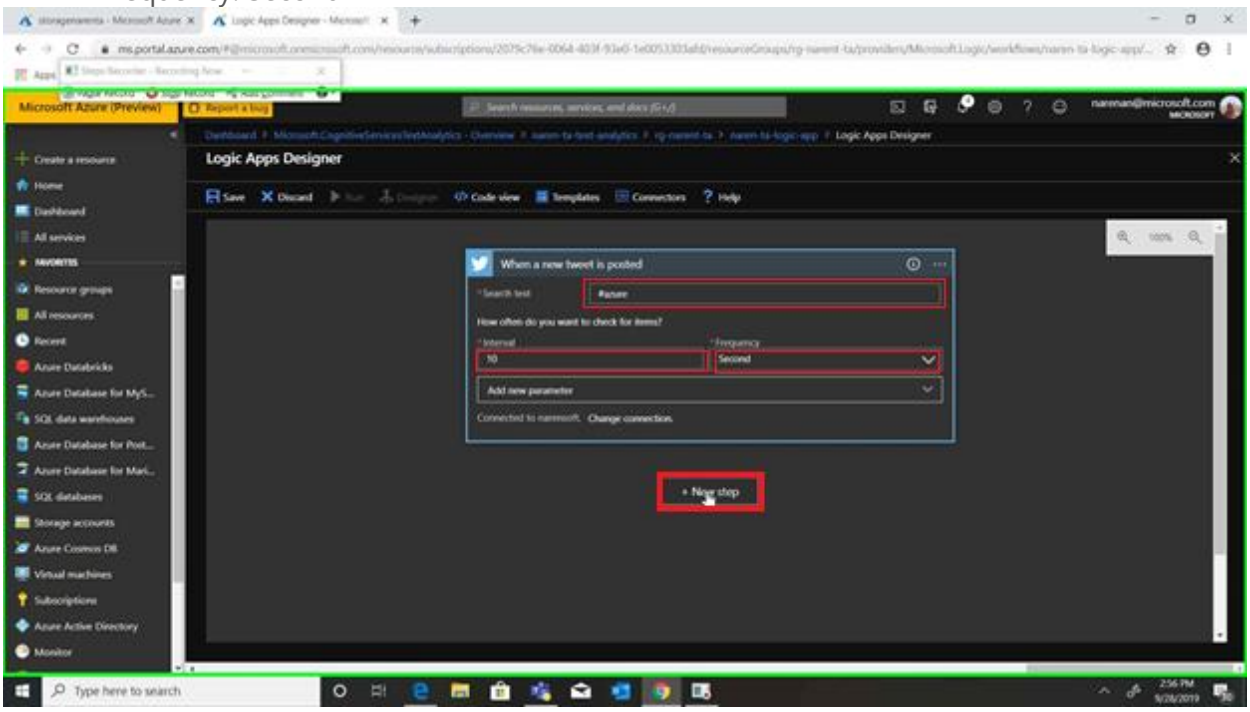


Step 5: After successful authorization click continue button to proceed to the next step

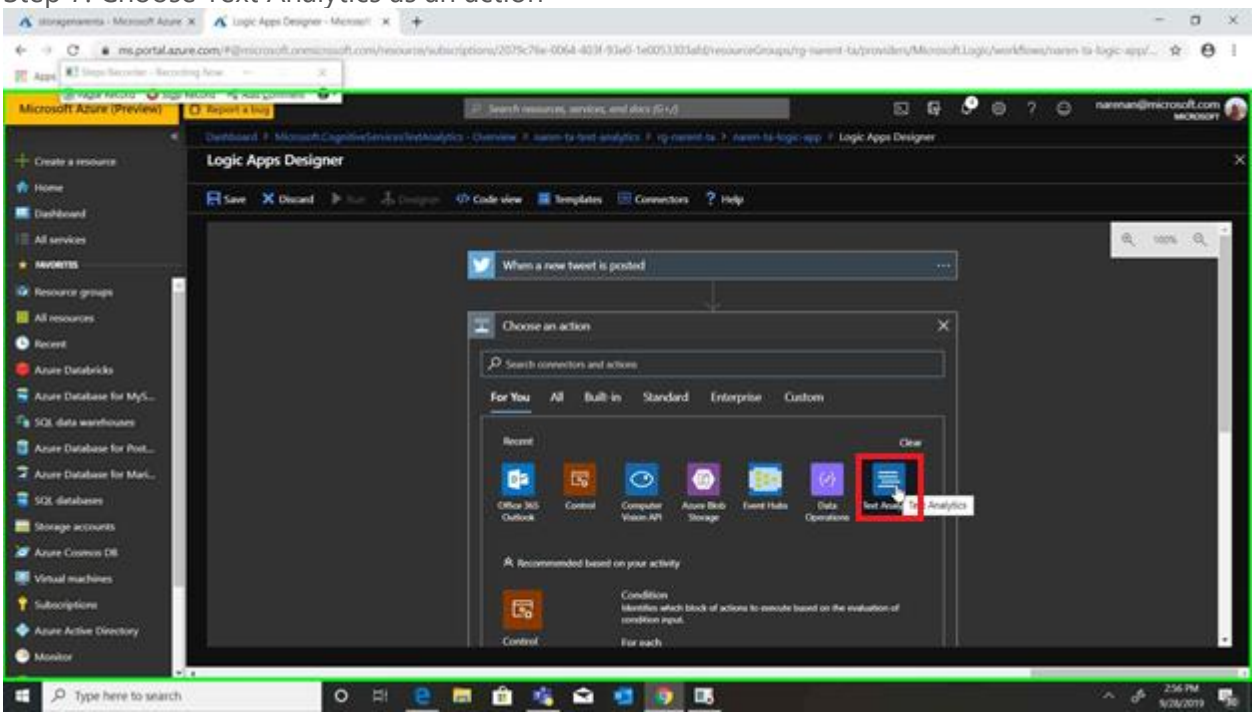


Step 6: On “When a new tweet is posted” window enter the following information and click on “Next step” button

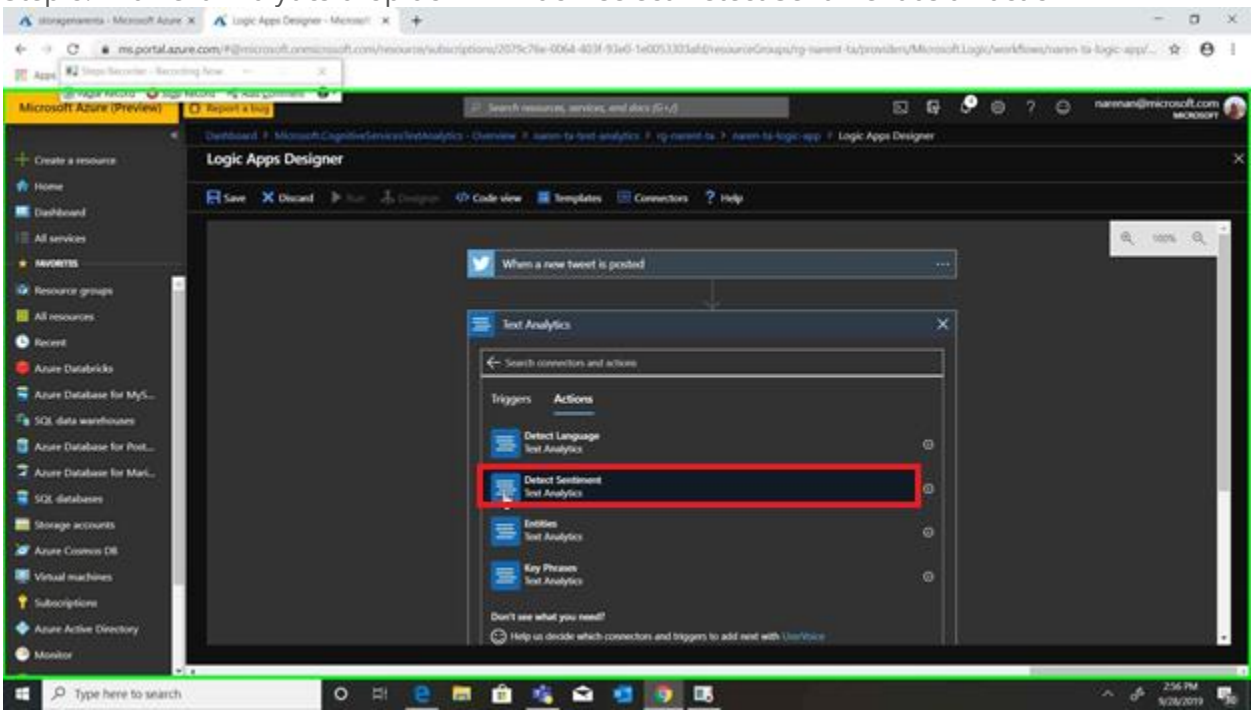
- Search text: #Azure
- Interval: 10
- Frequency: Second



Step 7: Choose Text Analytics as an action

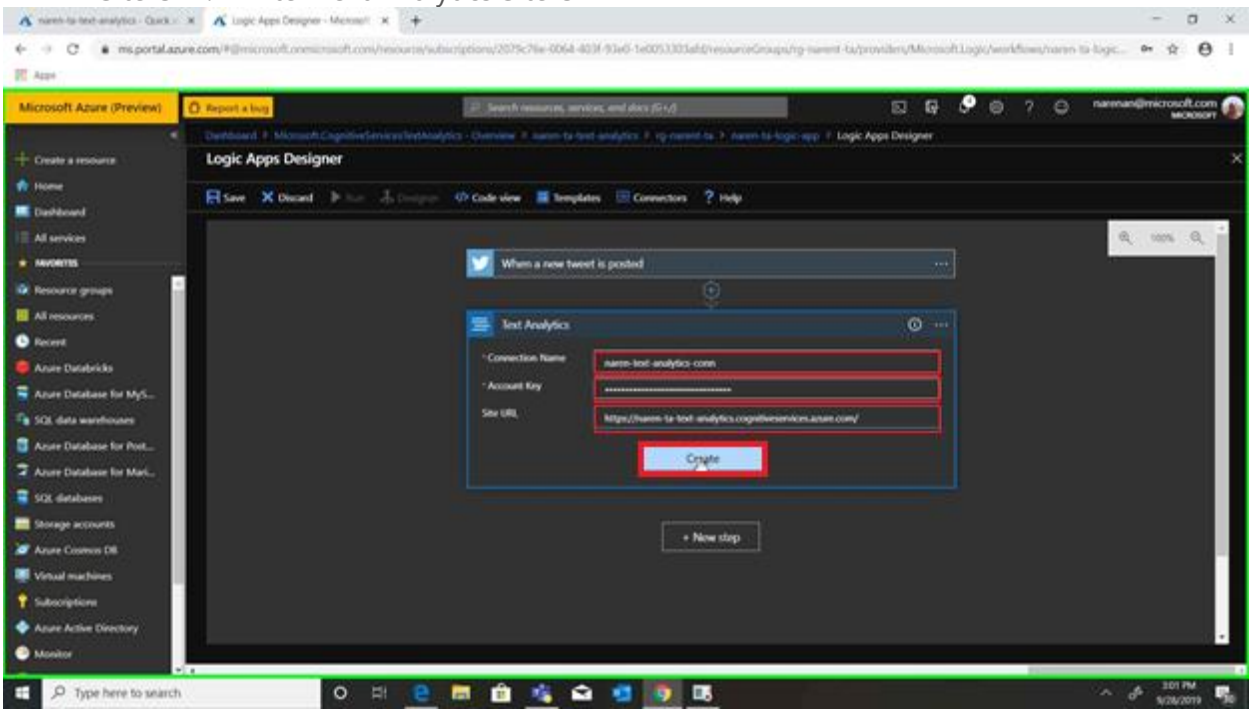


Step 8: In a Text Analytics drop down window select Detect Sentiment as an action

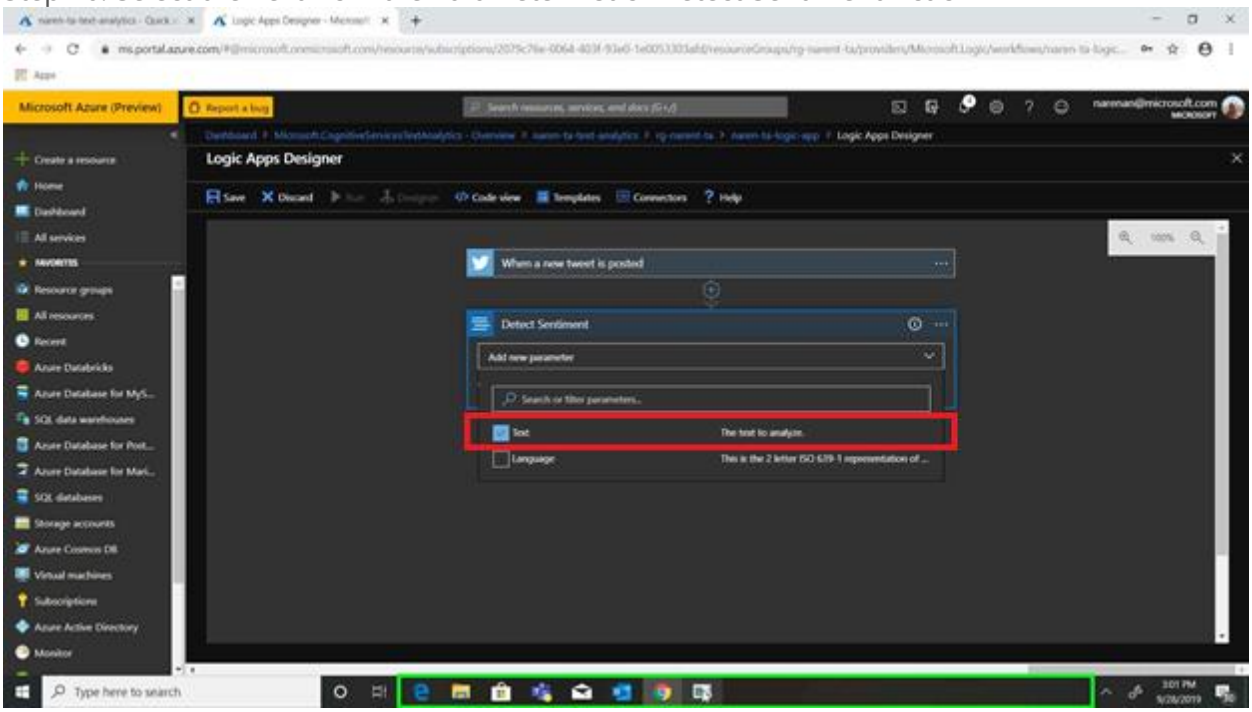


Step 9: Enter the following information to connect text analytics service from logic apps and click Create button in Text Analytics window

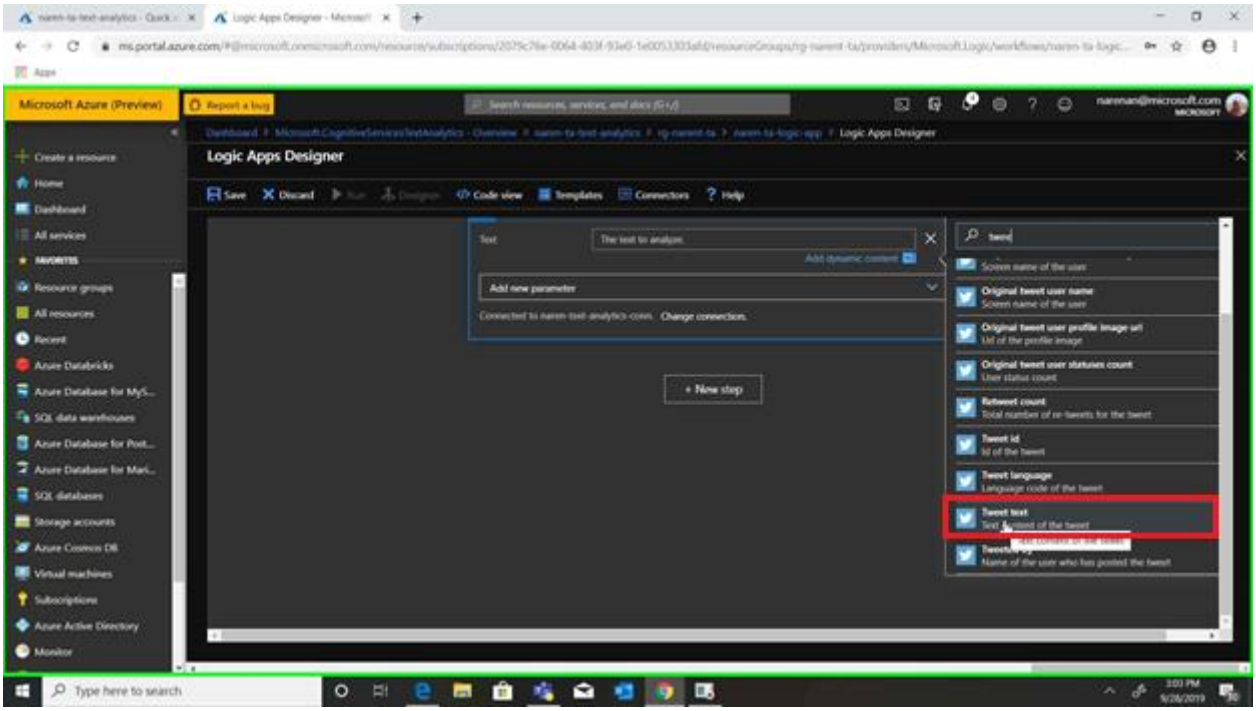
- Connection Name: <Enter Connection Name>
- Account Key: <Enter Account Key of Text Analytics Service>
- Site URL: <Enter Text Analytics Site URL>



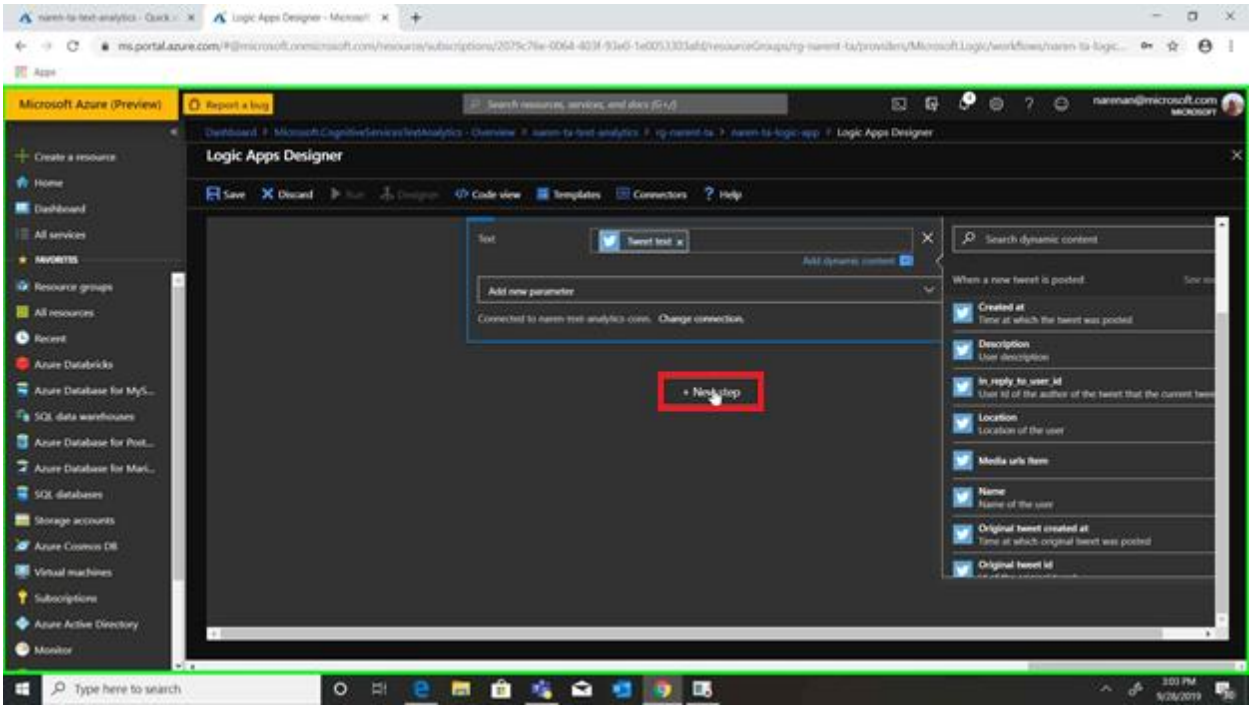
Step 10: Select the Text from the Parameter List of Detect Sentiment Action



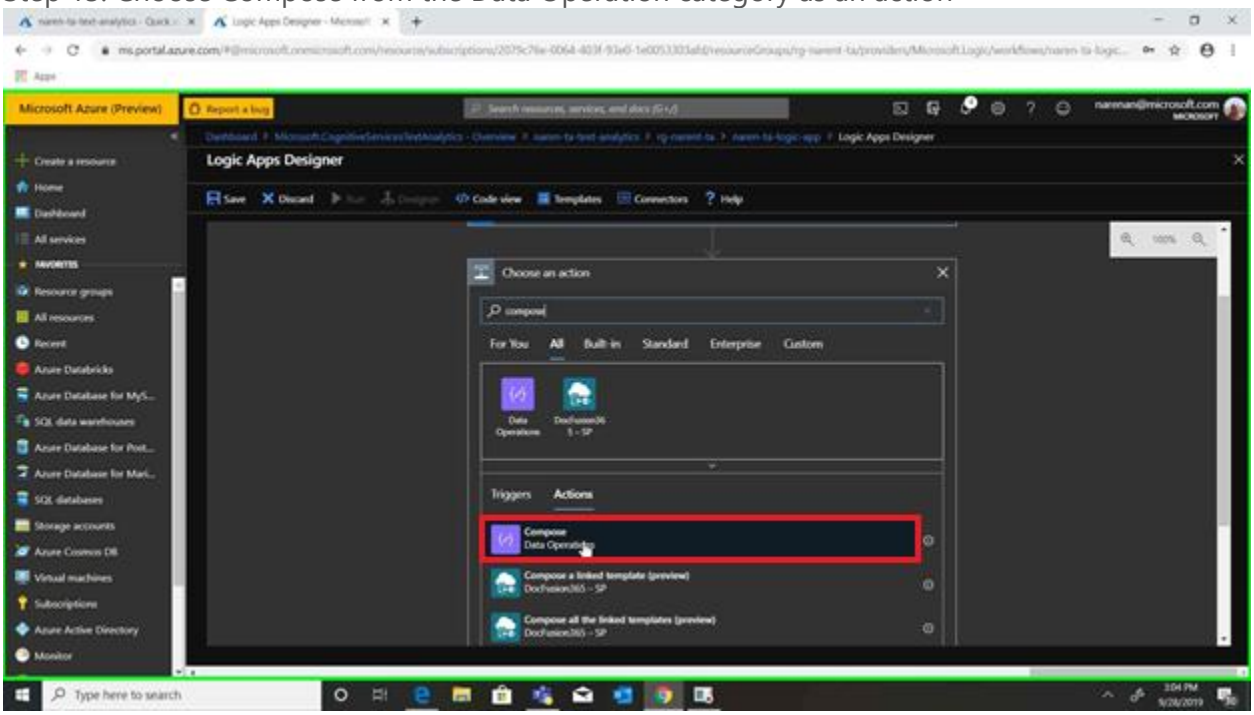
Step 11: Select the Tweet Text property of "When a new tweet is posted" action as a parameter value for the Text Parameter



Step 12: After proving Tweet Text as a value to Text Parameter click on Next Step button to move to the next action

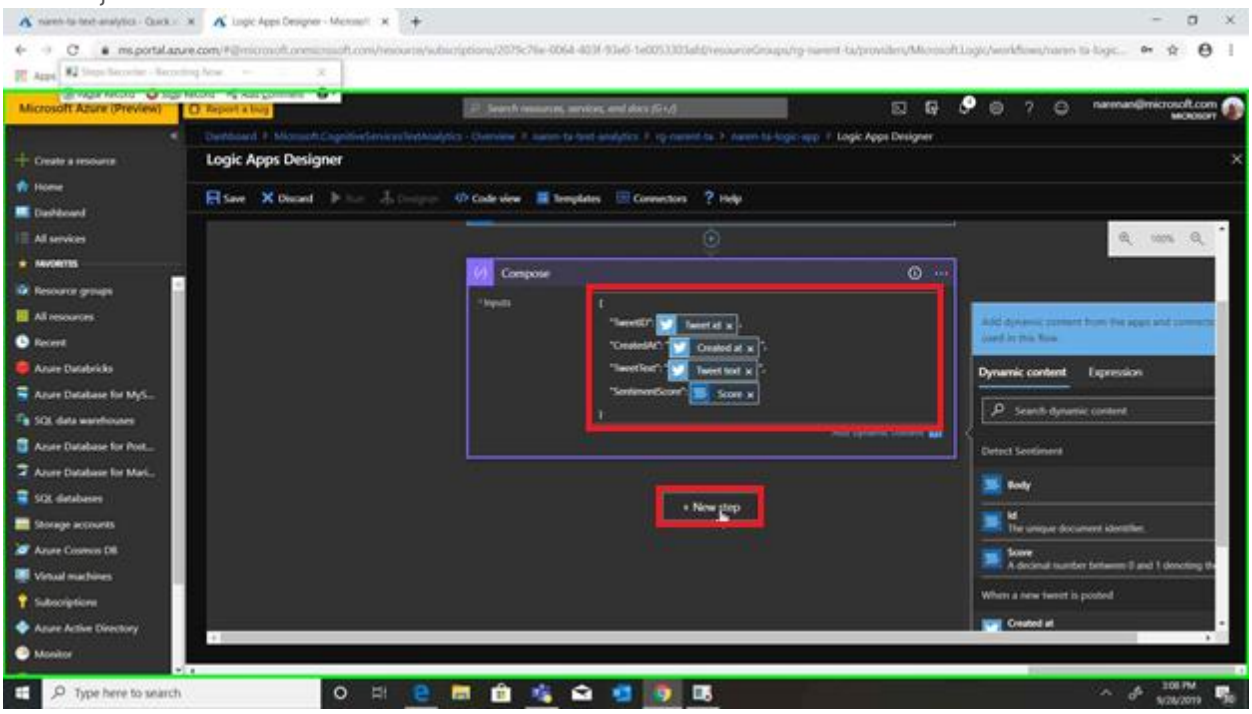


Step 13: Choose Compose from the Data Operation category as an action

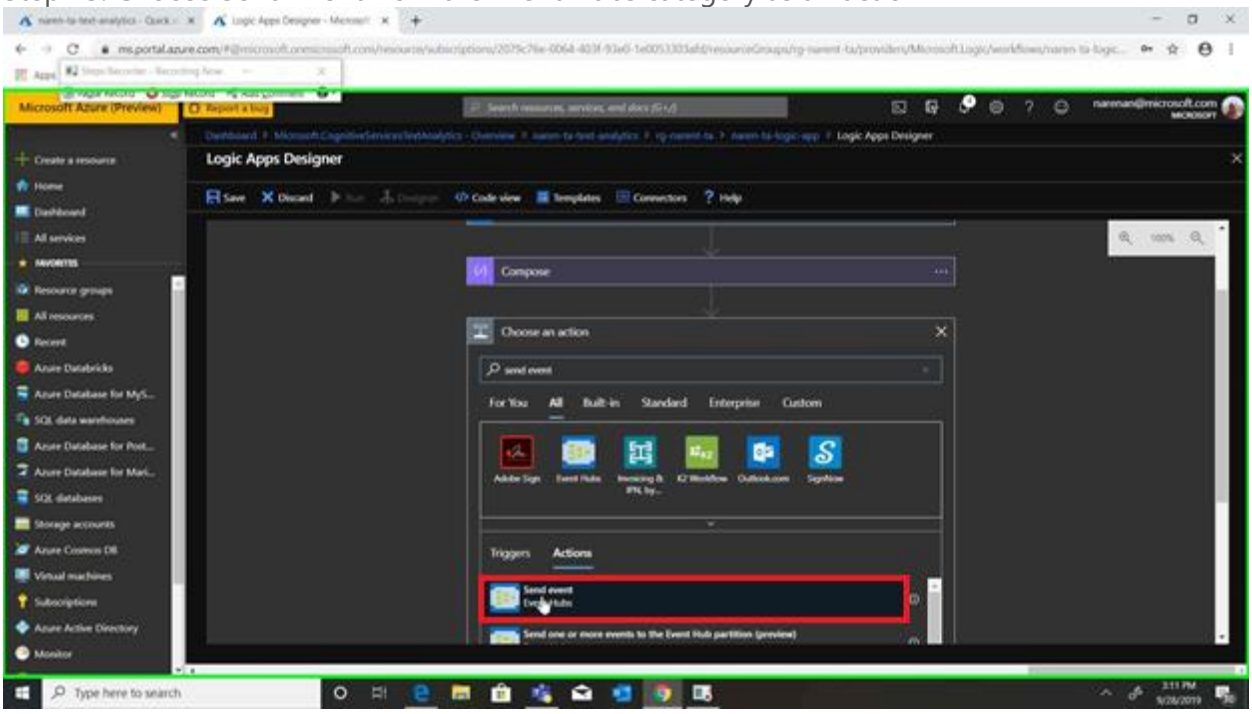


Step 14: Enter the following text in the “Input” parameter in the Compose Action window and click “Next Step” button

```
{
   "TweetID": @{triggerBody()?['TweetId']},
   "CreatedAt": "@{triggerBody()?['CreatedAtIso']}",
   "TweetText": "@{triggerBody()?['TweetText']}",
   "SentimentScore": @{body('Detect_Sentiment')?['score']}
}
```

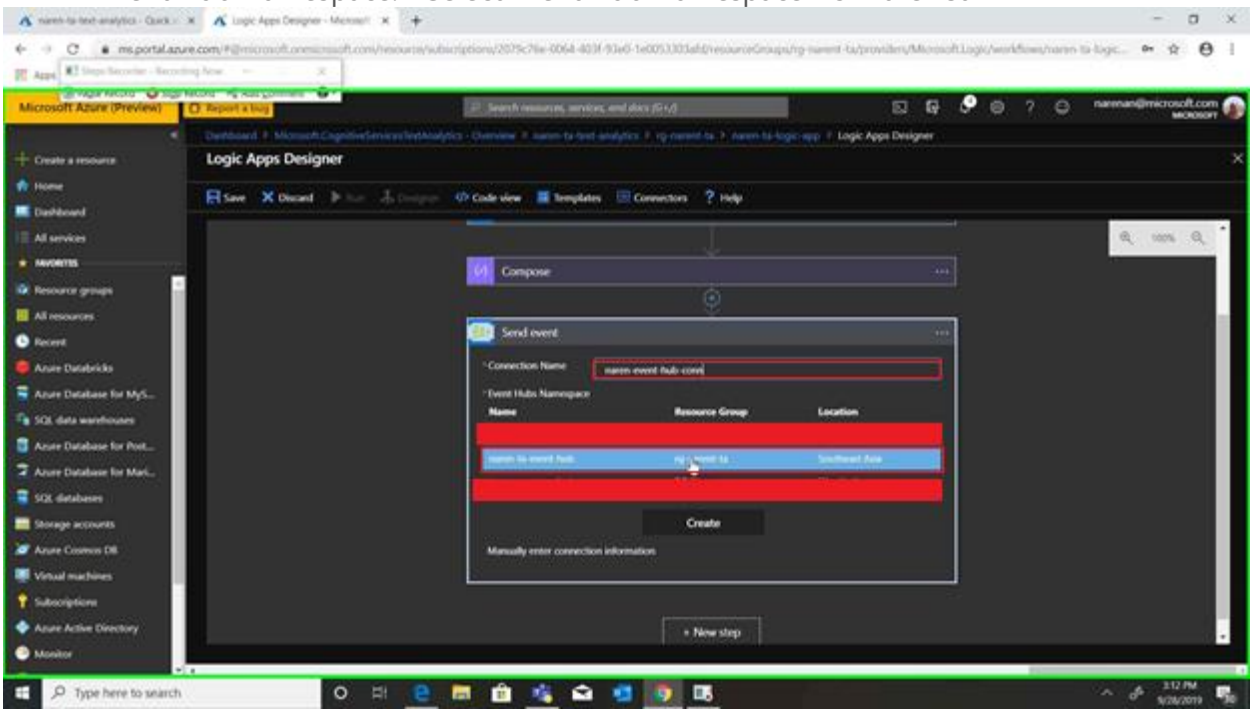


Step 15: Choose Send Event from the Event Hubs category as an action

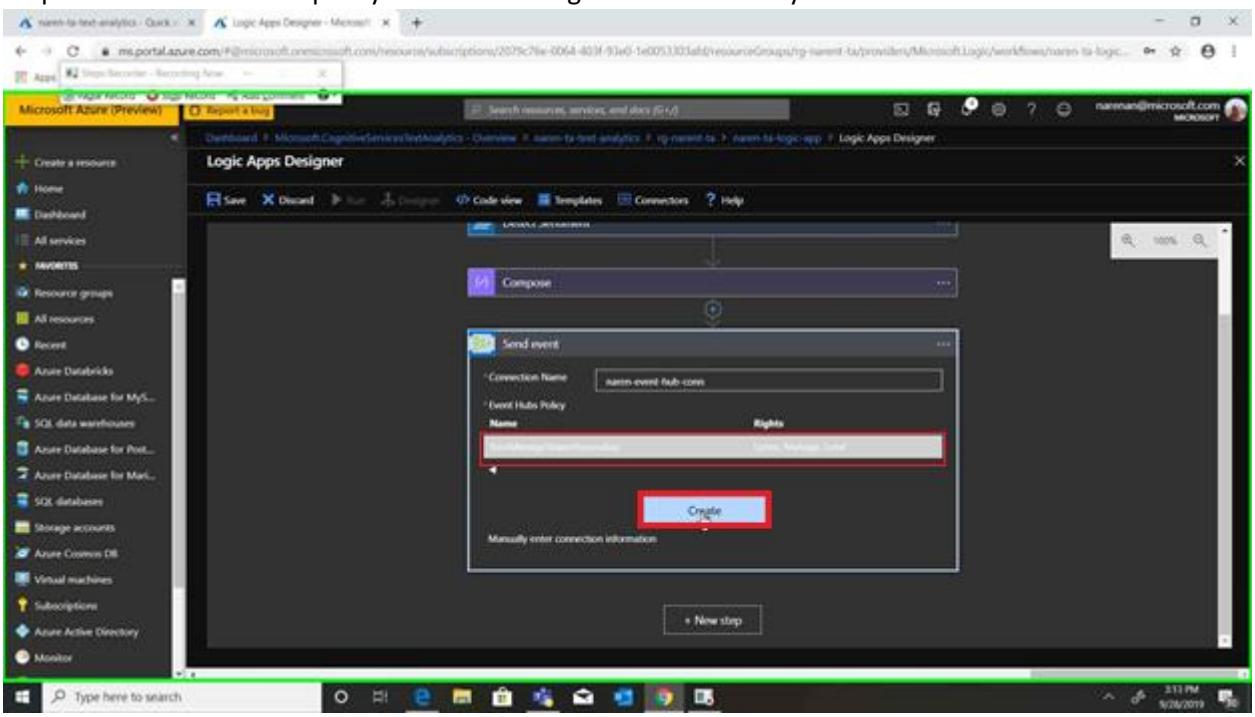


Step 16: Enter the following information in the Send Event Window:

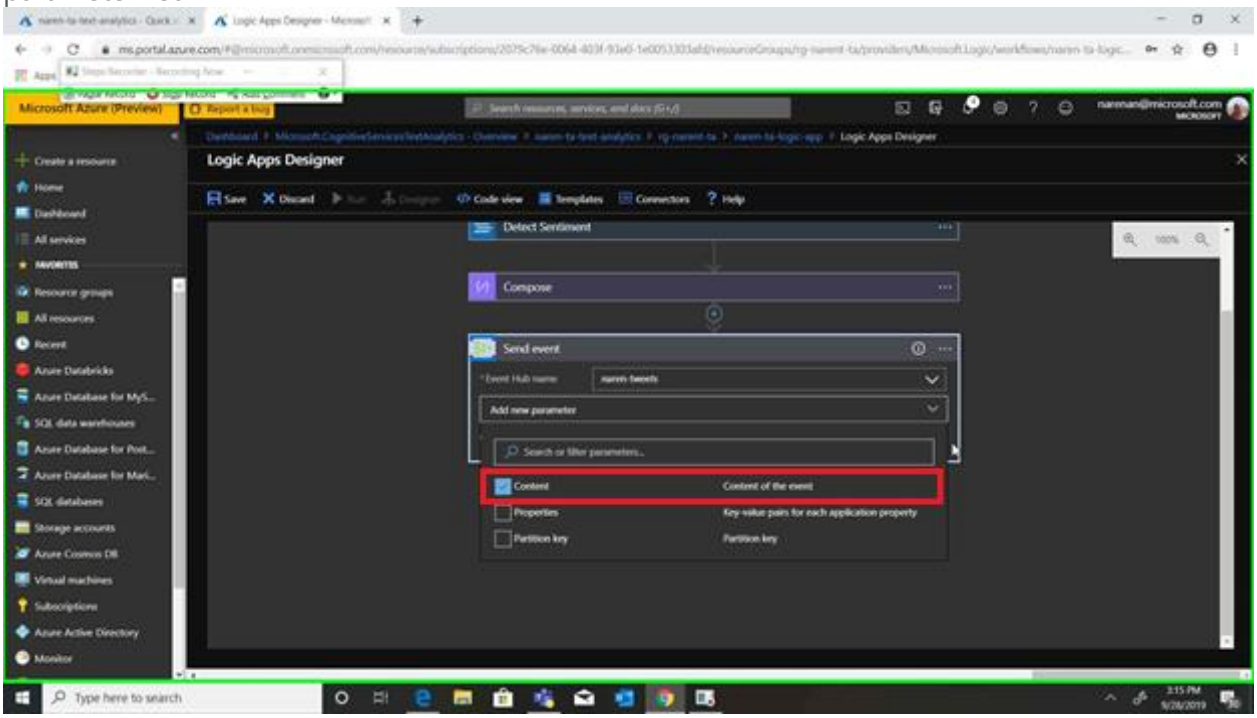
- Connection Name: <Enter Event Hub Connection Name>
- Event Hub Namespace: <Select Event Hub Namespace from the list>



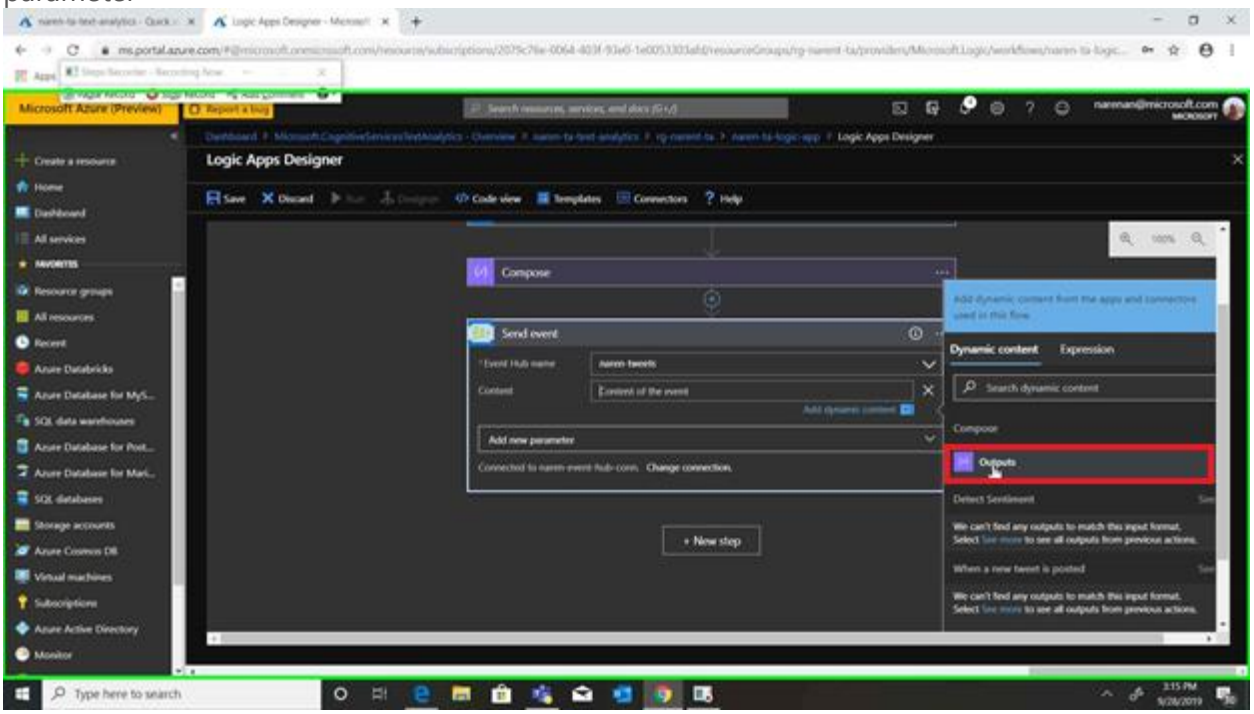
Step 17: Select Event hub policy as a RootManageSharedAccessKey and click Create Button



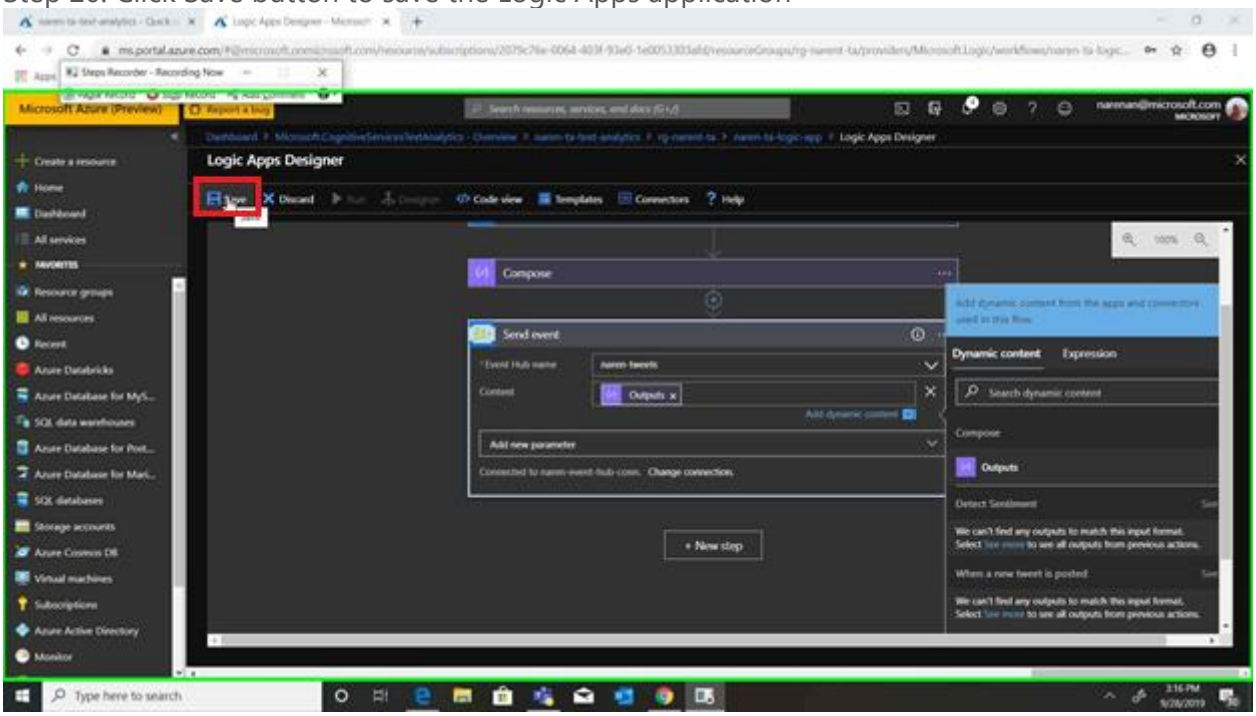
Step 18: After selection of the correct event hub, select content as a parameter from the parameter list



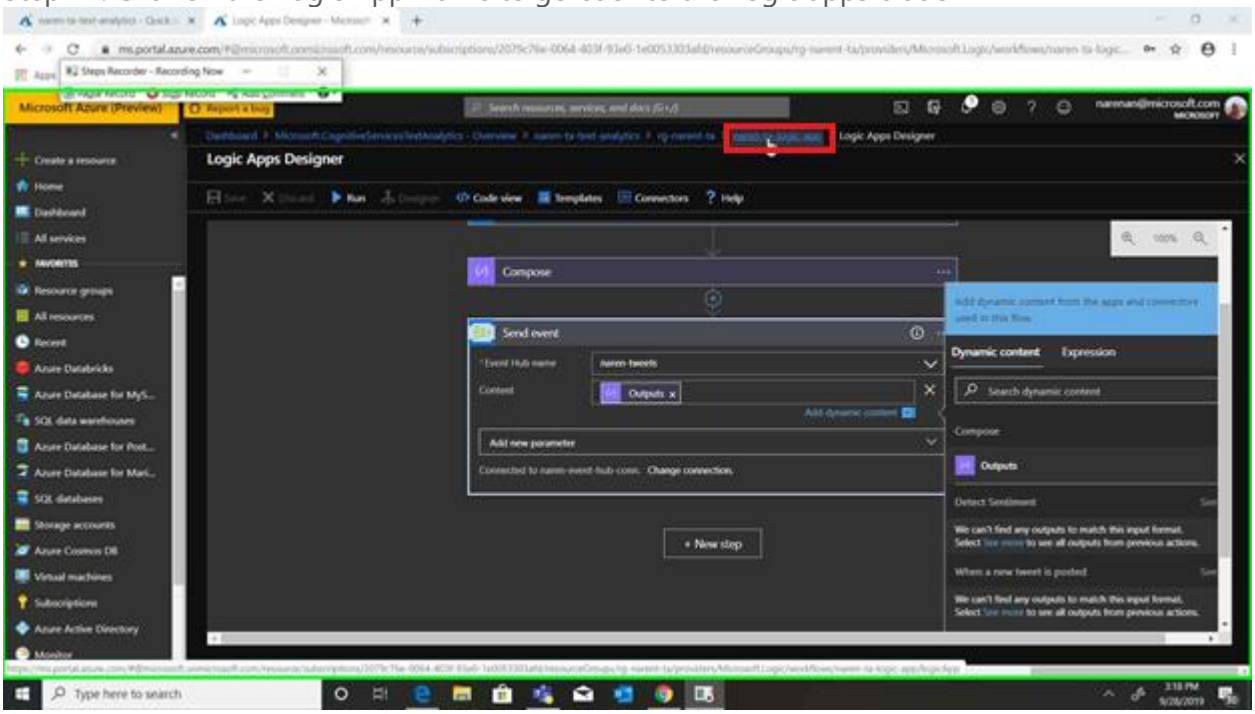
Step 19: Select Outputs property of Compose action as a parameter value to the content parameter



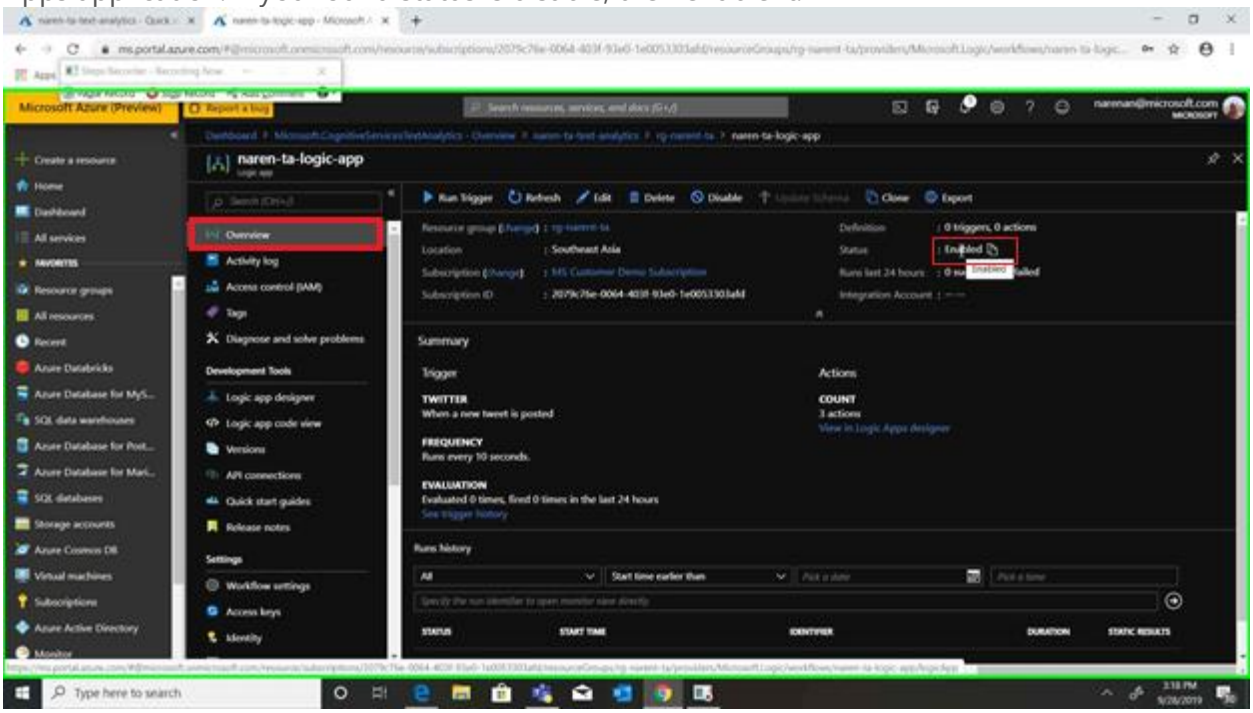
Step 20: Click Save button to save the Logic Apps application



Step 21: Click on the Logic App Name to go back to the Logic apps blade



Step 22: Click on Overview and make sure that the status is enable for the newly created Login Apps application. If you found status is disable, then enable it.



Congratulations! Logic Apps application got created successfully.