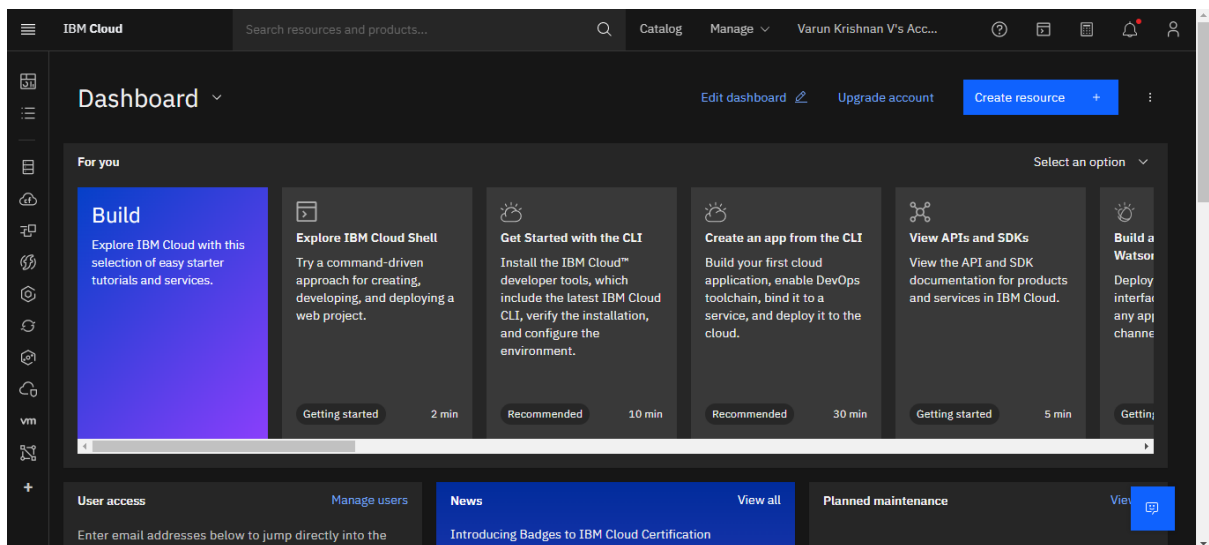


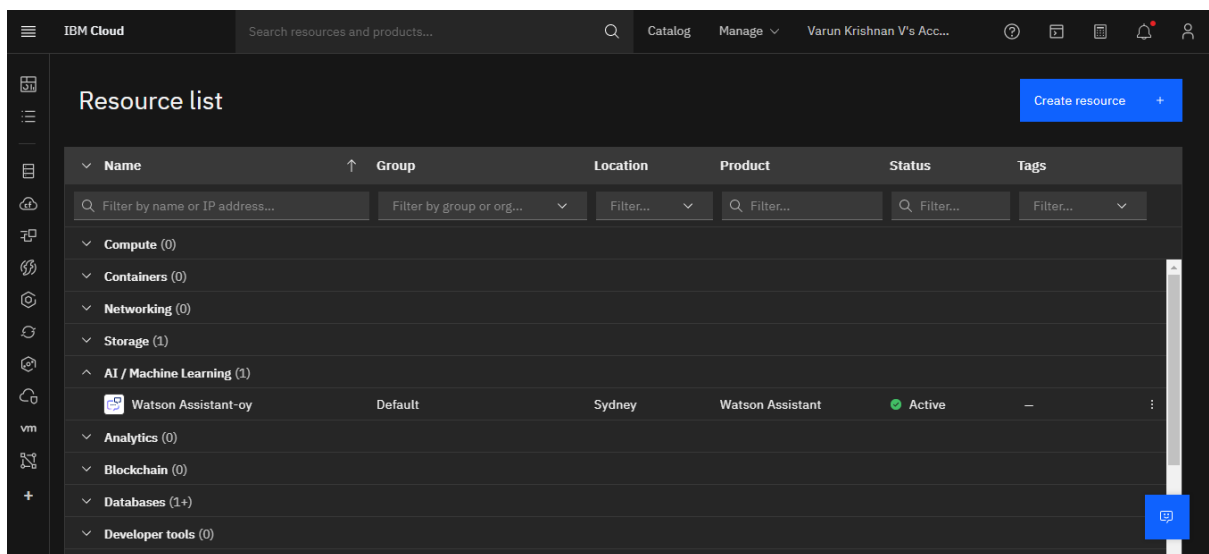
Developing a Chatbot and Integrate to App

Team ID	PNT2022TMID13862
Project Name	Skill and Job Recommender Application
Team Members	Varun Krishnan V Nandhakumar M Suriyasankar P Sharath R Surendhar S

1. Login to IBM Cloud



2. Choose Watson Assistant under AI / ML



3. Setting up and customizing the chatbot

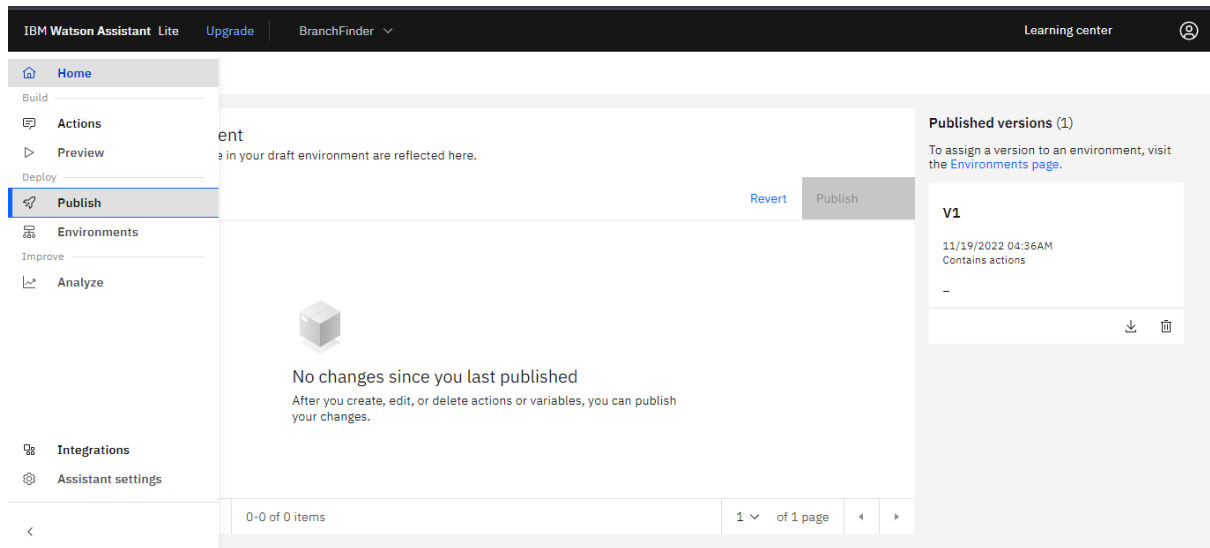
3.1 Setting the initial steps and the steps for “Finding ”

The screenshot shows the IBM Watson Assistant Lite interface for a chatbot named 'BranchFinder'. The top bar includes 'IBM Watson Assistant Lite', 'Upgrade', 'BranchFinder', and 'Learning center'. The main area is divided into two panels. The left panel, titled 'Hello', shows the 'Customer starts with:' section with a dropdown menu set to 'Hello'. Below this, the 'Conversation steps' section shows a list of steps. Step 1 is 'Hello! I'm Jobby I help you to find a job and can also help in finding the resources', with buttons for 'Learning reso...' and 'Find a job'. Step 2 is 'Go to action: FindJob'. The right panel, titled 'Customer starts with:', provides instructions on how to set up the initial conversation. It includes a text input field for 'Enter a phrase' and a list of skills: 'Skill', 'Job', and 'Help'. A 'Preview' button is located at the bottom right.

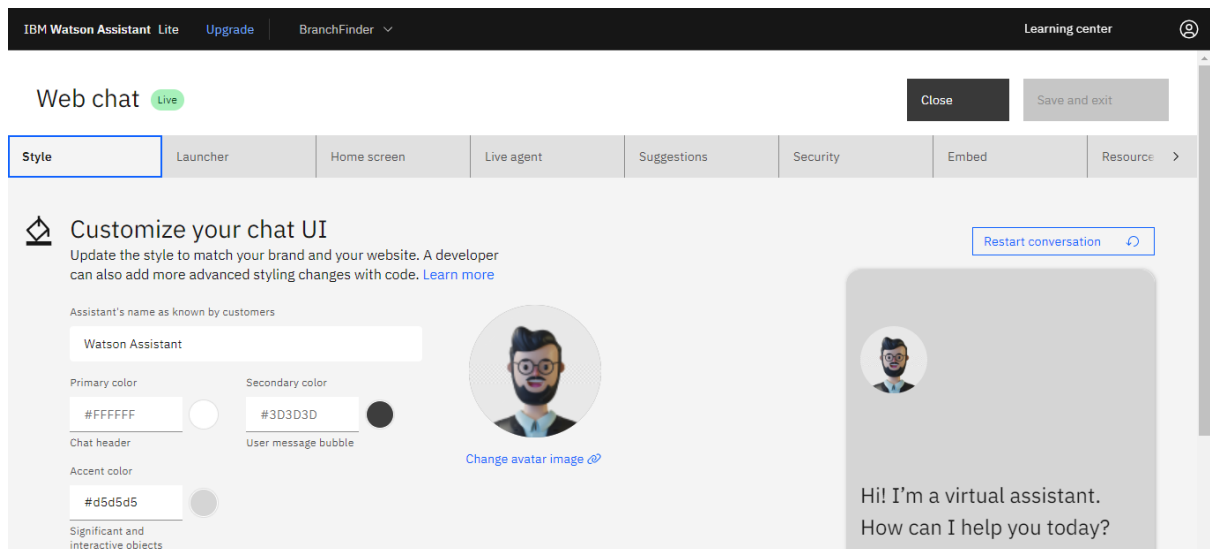
3.2 Creating new actions for finding the job

The screenshot shows the IBM Watson Assistant Lite interface for a chatbot named 'BranchFinder', specifically the 'FindJob' action. The top bar includes 'IBM Watson Assistant Lite', 'Upgrade', 'BranchFinder', and 'Learning center'. The main area is divided into two panels. The left panel, titled 'FindJob', shows the 'Conversation steps' section. Step 6 is 'In which domain you want to work?', with buttons for 'Network Sec...', 'Data Science', and '+ 2'. Step 7 is 'Are you a fresher or experienced?', with buttons for 'Experienced' and 'Fresher'. Step 8 is 'This step has no content'. The right panel, titled 'Step 7 is taken', shows the configuration for the 'FindJob' action. It includes a 'Conditions' section with a table of conditions. The table has columns for 'If', 'Any', 'of this is true:', and '4 conditions'. The conditions are: '6. In which do...' is 'Web / Mobile Development', '6. In which do...' is 'Data Science', '6. In which do...' is 'AI and ML', and '6. In which do...' is 'Network Security'. A 'Preview' button is located at the bottom right.

4. Publishing the Chatbot



5. Customizing the Chatbot look and integrating with frontend



6. Get the embed code and paste in HTML file

```
<script>
```

```
window.watsonAssistantChatOptions = {  
  integrationID: "f6e8e25a-3a08-4794-be57-a5e0329e58f6", // The ID of this integration.  
  region: "au-syd", // The region your integration is hosted in.  
  serviceInstanceID: "cd3c3dec-2082-4170-8bdd-10b7587cb9bc", // The ID of your service instance.  
  onLoad: function(instance) { instance.render(); }  
};
```

```
setTimeout(function(){  
  const t=document.createElement('script');  
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +  
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";  
  document.head.appendChild(t);  
});
```

```
</script>
```

Demo

