**TEST CASES FOR HR-BOT**

The concept of the HR-bot is inspired from the interview process of recruitment on the basis of several skills, number of projects and experience with respect to a particular job role. The HR-bot is trained on Machine Learning model so that it can understand the different responses given by the candidates and give them points accordingly which makes the interview process very convenient to select the deserving candidates amongst many applicants. Also save them in a database for future analysis and selection.

Here are some test cases related to how the HR-bot responds to different inputs given by the user.

**TEST CASE 1 :**

(Register yourself)

**Enter Your Full Name: Sandeep Chatterjee**

**Your Email Id:** [**Sandeep.chatterjee.245@gmail.com**](mailto:Sandeep.chatterjee.245@gmail.com)

(Conversation)

**you: Hi**

**HR\_bot: I have been assigned to pre-qualify candidates by asking some queries and assessing them for the appropriate job roles. I ll ask u now some questions regarding yourself, Are you ready ??**

**you: Yes I am Ready**

**HR\_bot: So, Which job role you're applying for??**

**you: Machine learning engineer**

**HR\_bot: How many years of experience you have, choose from the following 1. 0-2 Years, 2. 3-5 years, 3. 5+ years**

**you: I am a fresher**

**HR\_bot: How many projects you have done so far? Choose: 1. 1-3 Projects, 2. 4-6 Projects, 3. 7-9 Projects, 4. 10+ projects**

**you: 4-6 projects**

**HR\_bot: Choose the skills you do have 1. Data Preprocessing, 2. Python, 3. R, 4. ANN 5. CNN, 6. Tensorflow, 7. Pytorch 8. Flask, 9. Django, 10. Deployment on platforms like AWS, GCP etc., 11. RNN/LSTM, 12. Tableau, 13. Big Data\_Hadoop, 14. NLP, 15. Computer Vision, 16. SQL, 17. Data Visualisation, 18. programming & software, 19. Statistics, 20. MATLAB, 21. Tflearn, 22. DBMS, 23. AI, 24. Scala, 25.Microsoft Excel**

**you: python, data preprocessing, Machine learning, deep learning, CNN, RNN, Tableu, Hadoop, AWS, Pytorch, Data visualisation, DBMS,MATLAB**

**HR\_bot: We've Recorded all of your Responses, and evaluated accordingly, thank you for joining us.**

**you: Thank you sir**

**HR\_bot: It was nice talking to you, Type 'exit' to close the conversation**

**you: exit**

**HR\_bot : We’ve sent you an email, letting you know your scores, Thank you Sandeep, Click on the Home button to leave the conversation.**

**(**The conversation terminates here and all the information about the candidate with respective points in each field followed by the total interview points get stored into the Database. Along with that the candidate receives a mail in his provided email id with all the evaluated points he/she earned.**)**

**TEST CASE 2 :**

(Register yourself)

**Enter Your Full Name: Maya Tiwari**

**Your Email Id:** [**MayaTiwari24@gmail.com**](mailto:MayaTiwari24@gmail.com)

(Conversation)

**you: Hi sir**

**HR\_bot: I have been assigned to pre-qualify candidates by asking some queries and assessing them for the appropriate job roles. I ll ask u now some questions regarding yourself, Are you ready ??**

**you: yes, I’m ready.**

**HR\_bot: Which job role you're interested in??**

**you: Data scientist**

**HR\_bot: How many years of experience you have, choose from the following 1. 0-2 Years, 2. 3-5 years, 3. 5+ years**

**you: 6 years**

**HR\_bot: How many projects you have done so far? Choose: 1. 1-3 Projects, 2. 4-6 Projects, 3. 7-9 Projects, 4. 10+ projects**

**you: 7-9 projects**

**HR\_bot: Choose the skills you do have 1. Data Preprocessing, 2. Python, 3. R, 4. ANN 5. CNN, 6. Tensorflow, 7. Pytorch 8. Flask, 9. Django, 10. Deployment on platforms like AWS, GCP etc., 11. RNN/LSTM, 12. Tableau, 13. Big Data\_Hadoop, 14. NLP, 15. Computer Vision, 16. SQL, 17. Data Visualisation, 18. programming & software, 19. Statistics, 20. MATLAB, 21. Tflearn, 22. DBMS, 23. AI, 24. Scala, 25.Microsoft Excel**

**you: R, Data Preprocessing, Pytorch, Programming & software, Statistics, MATLAB, DBMS,SQL,tflearn,tesorflow,data visualisation**

**HR\_bot: We've Recorded all of your Responses, and evaluated accordingly, thank you for joining us.**

**you: thanks**

**HR\_bot: See you later, thanks for visiting, Type 'exit' to close the conversation**

**you: exit**

**HR\_bot : We’ve sent you an email, letting you know your scores, Thank you Maya, Click on the Home button to leave the conversation.**

**(**The conversation terminates here and all the information about the candidate with respective points in each field followed by the total interview points get stored into the Database. Along with that the candidate receives a mail in his provided email id with all the evaluated points he/she earned. **)**

**TEST CASE 3 :**

(Register yourself)

**Enter Your Full Name: Sudhir Kumar**

**Your Email Id:** [**Sudhir.Kumar.job67@gmail.com**](mailto:Sudhir.Kumar.job67@gmail.com)

(Conversation)

**you: Hello sir**

**HR\_bot: I have been assigned to pre-qualify candidates by asking some queries and assessing them for the appropriate job roles. I ll ask u now some questions regarding yourself, Are you ready ??**

**you: yes sir**

**HR\_bot: Which job role you're interested in??**

**you: AI engineer**

**HR\_bot: How many years of experience you have, choose from the following 1. 0-2 Years, 2. 3-5 years, 3. 5+ years**

**you: 3. 5+ Years**

**HR\_bot: How many projects you have done so far? Choose: 1. 1-3 Projects, 2. 4-6 Projects, 3. 7-9 Projects, 4. 10+ projects**

**you: 9 projects**

**HR\_bot: Choose the skills you do have 1. Data Preprocessing, 2. Python, 3. R, 4. ANN 5. CNN, 6. Tensorflow, 7. Pytorch 8. Flask, 9. Django, 10. Deployment on platforms like AWS, GCP etc., 11. RNN/LSTM, 12. Tableau, 13. Big Data\_Hadoop, 14. NLP, 15. Computer Vision, 16. SQL, 17. Data Visualisation, 18. programming & software, 19. Statistics, 20. MATLAB, 21. Tflearn, 22. DBMS, 23. AI, 24. Scala**

**you: Data preprocessing, Machine learning, python, AI, programming & Software, NLP, Scala, Flask,RNN/LSTM**

**HR\_bot: We've Recorded all of your Responses, and evaluated accordingly, thank you for joining us.**

**you: thanks**

**HR\_bot: Have a nice day, type 'exit' to close the conversation.**

**you: exit**

**HR\_bot : We’ve sent you an email, letting you know your scores, Thank you Sudhir, Click on the Home button to leave the conversation.**

**(**The conversation terminates here and all the information about the candidate with respective points in each field followed by the total interview points get stored into the Database. Along with that the candidate receives a mail in his provided email id with all the evaluated points he/she earned.**)**

**TEST CASE 4 :**

(Register yourself)

**Enter Your Full Name: Jaydeep Bose**

**Your Email Id:** [**Bose.jaydeep845@gmail.com**](mailto:Bose.jaydeep845@gmail.com)

(Conversation)

**you: Hi sir**

**HR\_bot: I have been assigned to pre-qualify candidates by asking some queries and assessing them for the appropriate job roles. I ll ask u now some questions regarding yourself, Are you ready ??**

**you: yes I am ready sir**

**HR\_bot: Which job role you're interested in??**

**you: Software Engineer**

**HR\_bot: Sorry! We're not currently open for this role.**

**you: Web developer**

**HR\_bot: Sorry! We're not currently open for this role.**

**you: Data Scientist**

**HR\_bot: How many years of experience you have, choose from the following 1. 0-2 Years, 2. 3-5 years, 3. 5+ years**

**you: I am a Fresher**

**HR\_bot: How many projects you have done so far? Choose: 1. 1-3 Projects, 2. 4-6 Projects, 3. 7-9 Projects, 4. 10+ projects**

**you: 3 projects**

**HR\_bot: Choose the skills you do have 1. Data Preprocessing, 2. Python, 3. R, 4. ANN 5. CNN, 6. Tensorflow, 7. Pytorch 8. Flask, 9. Django, 10. Deployment on platforms like AWS, GCP etc., 11. RNN/LSTM, 12. Tableau, 13. Big Data\_Hadoop, 14. NLP, 15. Computer Vision, 16. SQL, 17. Data Visualisation, 18. programming & software, 19. Statistics, 20. MATLAB, 21. Tflearn, 22. DBMS, 23. AI, 24. Scala, 25.Microsoft Excel**

**you: R, data preprocessing, DBMS, ANN, CNN, Scala, NLP**

**HR\_bot: We've Recorded all of your Responses, and evaluated accordingly, thank you for joining us.**

**you: thanks**

**HR\_bot: Thanks for visiting, type 'exit' to close the conversation**

**you: exit**

**HR\_bot : We’ve sent you an email, letting you know your scores, Thank you Jaydeep, Click on the Home button to leave the conversation.**

**(**The conversation terminates here and all the information about the candidate with respective points in each field followed by the total interview points get stored into the Database. Along with that the candidate receives a mail in his provided email id with all the evaluated points he/she earned.**)**

**TEST CASE 5 :**

(Register yourself)

**Enter Your Full Name: Manali Pradhan**

**Your Email Id:** [**Manalipradhan56@yahoo.co.in**](mailto:Manalipradhan56@yahoo.co.in)

(Conversation)

**you: hello**

**HR\_bot: I have been assigned to pre-qualify candidates by asking some queries and assessing them for the appropriate job roles. Let's get started with your interview, let me know if you are ready or not?**

**you: yes**

**HR\_bot: Which job role you're interested in??**

**you: AI engineer**

**HR\_bot: How many years of experience you have, choose from the following 1. 0-2 Years, 2. 3-5 years, 3. 5+ years**

**you: 2 years**

**HR\_bot: How many projects you have done so far? Choose: 1. 1-3 Projects, 2. 4-6 Projects, 3. 7-9 Projects, 4. 10+ projects**

**you: 7 projects**

**HR\_bot: Choose the skills you do have 1. Data Preprocessing, 2. Python, 3. R, 4. ANN 5. CNN, 6. Tensorflow, 7. Pytorch 8. Flask, 9. Django, 10. Deployment on platforms like AWS, GCP etc., 11. RNN/LSTM, 12. Tableau, 13. Big Data\_Hadoop, 14. NLP, 15. Computer Vision, 16. SQL, 17. Data Visualisation, 18. programming & software, 19. Statistics, 20. MATLAB, 21. Tflearn, 22. DBMS, 23. AI, 24. Scala**

**you: python, DBMS,programing & softwre, scala, Django, Deployment on AWS, SQL, Microsoft excel**

**HR\_bot: We've Recorded all of your Responses, and evaluated accordingly, thank you for joining us.**

**you: thanks**

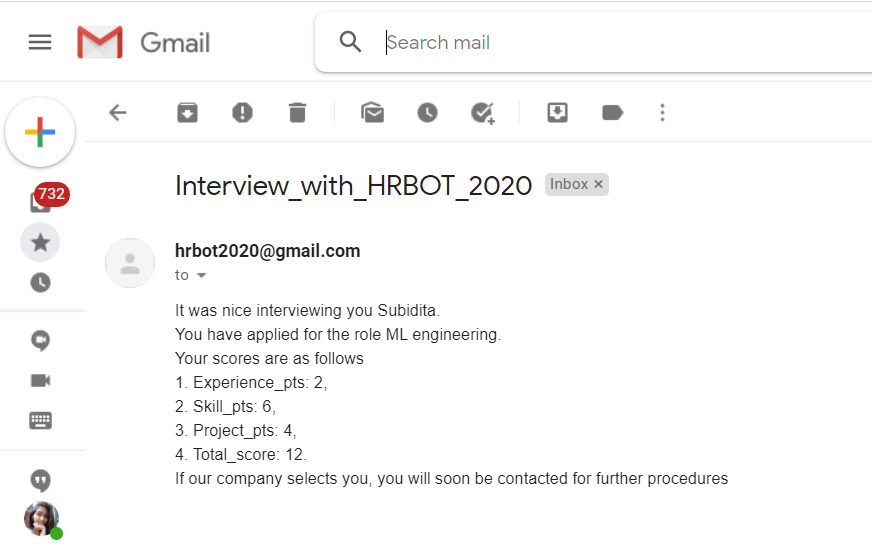
**HR\_bot: Thanks for visiting, Type 'exit' to close the conversation**

**you: exit**

**HR\_bot : We’ve sent you an email, letting you know your scores, Thank you Manali, Click on the Home button to leave the conversation.**

**(**The conversation terminates here and all the information about the candidate with respective points in each field followed by the total interview points get stored into the Database. Along with that the candidate receives a mail in his provided email id with all the evaluated points he/she earned.**)**

**The snapshot of the mail every candidate receives is given,**

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**Conclusion :** There are lot of modifications that can be done in future , still it performs quite well to rank the candidates based on their conversation thus making the selection very quick for the company.