

Dear Applicant,

Thank you for showing interest and applying for the position of Data Analyst at Whizzard. Read this document carefully before you attempt the assessment.

You have exactly 48 hours to complete the assessment from the time you receive it. Submissions which are not received within 48 hours will not be considered for evaluation.

Your responses are to be submitted as a .ipynb file

You are being tested for the following skills:

- Logic and Reasoning - You are being asked to analyze data you've never seen before, possibly from an industry that you are not familiar with. You will need to extract insights using logic and sound judgment
- Attention to detail - Small details make a huge difference in the resulting quality of your analysis as well as your recommendations. Attention to detail is an essential trait of a good analyst.
- Communication Skills - In order to succeed, not only do you need strong analytical skills, but also the ability to communicate your findings and ideas concisely and effectively.

Your responses and coding solutions will be evaluated keeping the above mentioned key skills in mind.

Note these points in order to score well:

- Make sure that every line of your code has clear comments. Failure to do so will result in a loss of points during evaluation.
- Clean up your submission by deleting unnecessary code cells, comments, etc...
- Before submitting, restart your kernel and run all the cells to ensure that there are no errors in your code. If any code runs into errors, no points will be allotted for that question
- Each answer should be supported with an explanation.
- Depending on the question, you are expected to either present your observations or explain the logic you have used in a crisp and clear manner.
- Failure to provide an explanation or observations for any answer will result in no points being awarded for that question.
- Along with analytical skills, you are also being tested for your ability to understand the business requirement. Read the questions carefully and ask yourself at each step if what you have done will be useful to the business or not.
- Avoid blindly copying responses from ChatGPT and other generative AI tools. Although we encourage the usage of generative AI to make your work easy and quick, you will find that this exercise has been designed in such a way that ChatGPT can only serve as your assistant and you will still be challenged to solve a lot of it yourself.

- Keep in mind that there is a sequence to the questions. If you get something wrong in the initial questions, it will cascade into mistakes further down the line eventually leading to the analysis being wrong. This may result in you losing points in all subsequent questions.

If you find the assessment hard, don't sweat it. This is intentional. Remember that you have 48 whole hours to finish and you can do as many iterations as you like before submitting your final solution.

The scoring rubric for the questions is listed below for your reference.

Question Number	Points
Question 1	2
Question 2	5
Question 3	5
Question 4	3
Question 5	10
Question 6	10
Question 7	25
Total	60

You are required to score a minimum of 48 points in order to clear this assessment.

We wish you all the very best!

Best Regards
Team Whizzard