# Congratulations on clearing the aptitutde test!

1 message

**Zenatix Solutions Careers** <careers@zenatix.freshteam.com>                                    Thu, 20 Jan, 2022 at 11:03
Reply to: careers@zenatix.freshteam.com
To: shubhamjog7@gmail.com

Dear Shubham ,

Congratulations on moving to the next stage in your application!

Please find below a problem statement for you to solve in the **next 4 days** to take your candidature forward.

"[This]" (link contains attachment) data contains power for multiple ACs at some hotel in Gurgaon.

1. Identify patterns/trends in the data?
2. Which AC was used the most/least?

**Optional (Bonus questions):**

1. Relate this power data with the outside temperature of Gurgaon. (Feel free to use temperature data from any website online. How will you fetch that data in your analysis?
2. Using the power data, predict/forecast the power consumption?

This problem is open-ended for exploration analysis. Feel free to provide any insights from the data by loading the data using Python Pandas library. The more insights you get, the better.

Please submit the assignment either in the form of a Jupyter notebook or via Github.

Regards,

Team Zenatix