

## DATA SCIENCE ENGINEER

## HIRING ASSESSMENT



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## RANK IN TEST

2<sup>ND</sup>  
Among 45  
Candidates

## PERFORMANCE

EXCELLENT

Poor | Average |  
Good | Excellent

## SCORE IN TEST

85%

Of Total Marks

## GOAL OF THIS ASSESSMENT

This assessment challenge is designed to filter from among many candidates - a damn good talent at data science role. The goal of the challenge is to help company find candidates with the most fundamental qualities of a data science engineer.

The challenge further gets into specific of assessing whether the candidate is fast in acquisition, understanding and validation of data, whether the candidate owns a high degree of mathematical and statistical aptitude or not. It also evaluates the awareness of candidate about the technological trends in data science.

## INSIGHTS ON PRODUCTIVITY

## ACCURACY DURING THE TASKS

80% accurate which means 4 out of every 5th question attempted by you is right.

## PRIORITISATION OF TASKS

Based on task complexity it seems you prioritised the tasks similar to the priority order we've defined.

## KNOWLEDGE-BASED TASKS

You spent ~20% of your time on knowledge based tasks and your accuracy was 92%.



High

PRODUCTIVITY IN TASKS

## FOCUS DURING THE TASKS

During the total task time of 90 mins, you went out of focus for 0 mins.

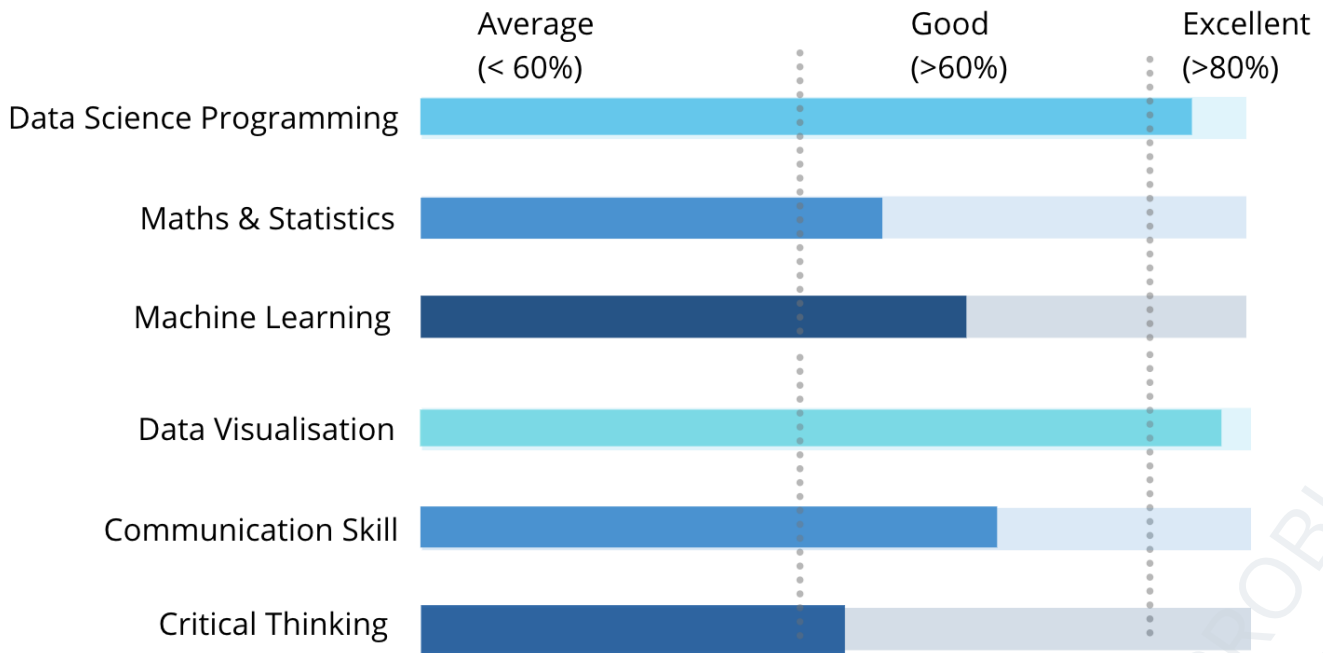
## ANSWER SELECTION ACCURACY

65% accurate which means you got ~7 out of every 10 selections correct in the very first attempt.

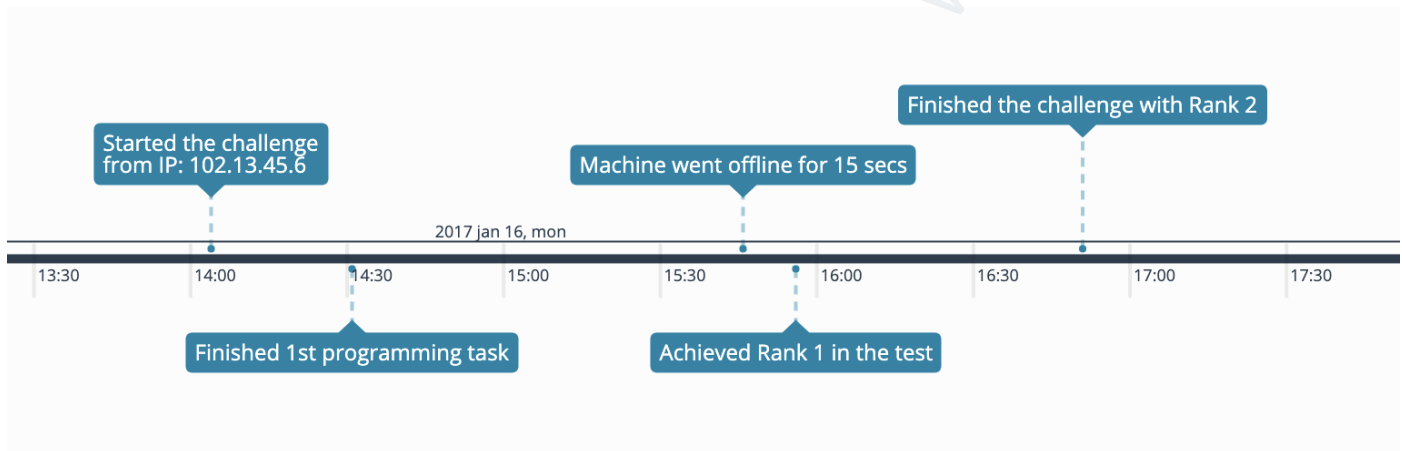
## APPLICATION-BASED TASKS

You spent ~80% of your time on application based tasks and your accuracy was 68%.

PERFORMANCE GRAPHS



ACTIVITY TIMELINE



Tab Change Violations	Out Of the Window	Full Screen Violations	Copy Content Attempts	Paste Content Attempts
0	0 min(s)	0	0	0

## QUESTION WISE ANALYSIS

Data Science Coding	Score: 0 / 40 (0%)
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### Question 1

**EASY** Maximum Marks: 10

**PY3** Attempts: 40 TestCases Passed: 0 Mark(s) Scored: 0

#### Problem Statement

You are a Hiring Manager in multinational company. You are interviewing candidates for the post of Software Engineer. There is a candidate over 5 Years of experience and he is expecting a salary of 10LPA. Instead of salary negotiations, the Hiring Manager wants to predict the best salary to offer a candidate based on his years of experience.

In this problem statement you are given a data set consisting of Salary and YearsOfExperience. Predict the salary based on the years of experience using **Linear Regression**



### SUBMISSION View all submissions

Score	Testcases Passed	Language
0	0	PY3

```

1 import base64
2 from io import BytesIO
3
4 def showImage(plt):
5     buf = BytesIO()
6     if(hasattr(plt, 'get_figure')):
7         plt = plt.get_figure()
8     plt.savefig(buf, format="png", bbox_inches = "tight")
9     data = base64.b64encode(buf.getbuffer()).decode("ascii")
10    image = "<img src='data:image/png;base64,{' class= 'width=100' />".format(data)
11    return image
12
13 import sys
14 import numpy as np
15 import pandas as pd
16 pd.set_option("display.max_rows", 100)
17 pd.set_option("display.max_columns", 100)
18 from sklearn.model_selection import train_test_split
19 from sklearn.linear_model import LinearRegression
20
21 # Don't modify above libraries
22
  
```

[Click to view all sections and questions](#)

## CANDIDATE STATUS



Assessment  
Taken



Qualified in  
Assessment



Qualified HR  
Round



Job Offered



Onboarded

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