

DATA SCIENCE ENGINEER

HIRING ASSESSMENT



JOHN MATHAI

john.mathai.test@gmail.com

RANK IN TEST

2ND
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.

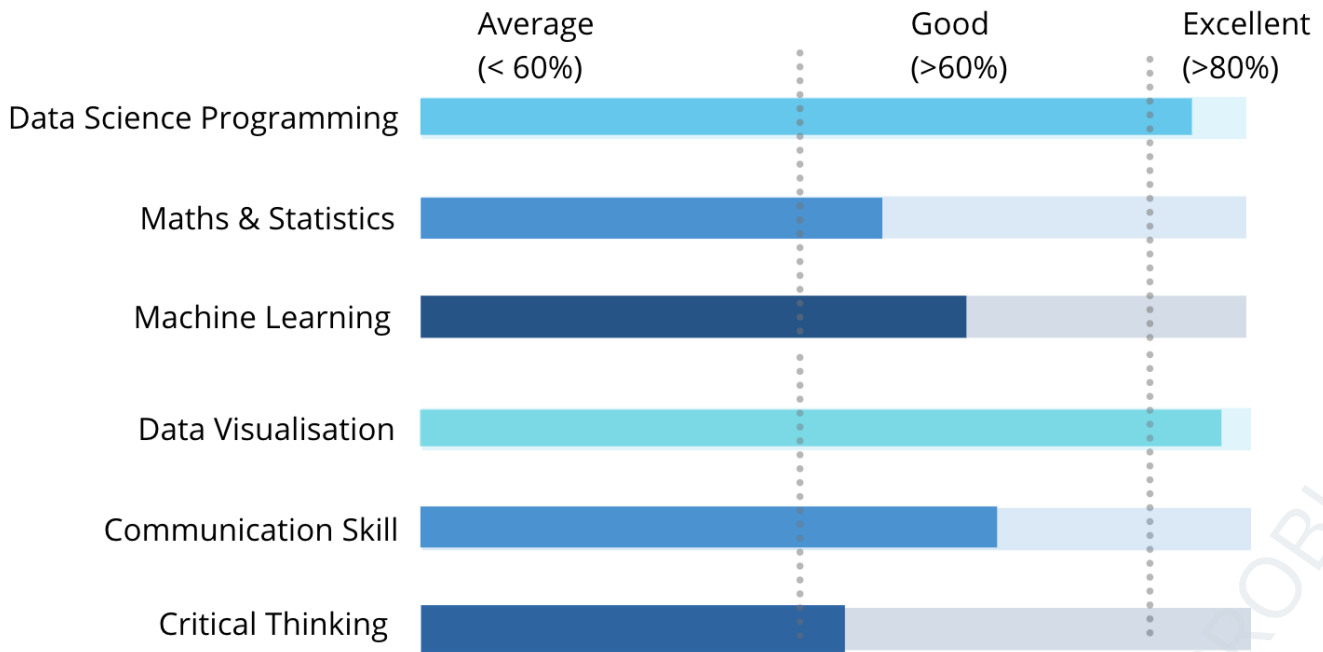
ANSWER SELECTION ACCURACY

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

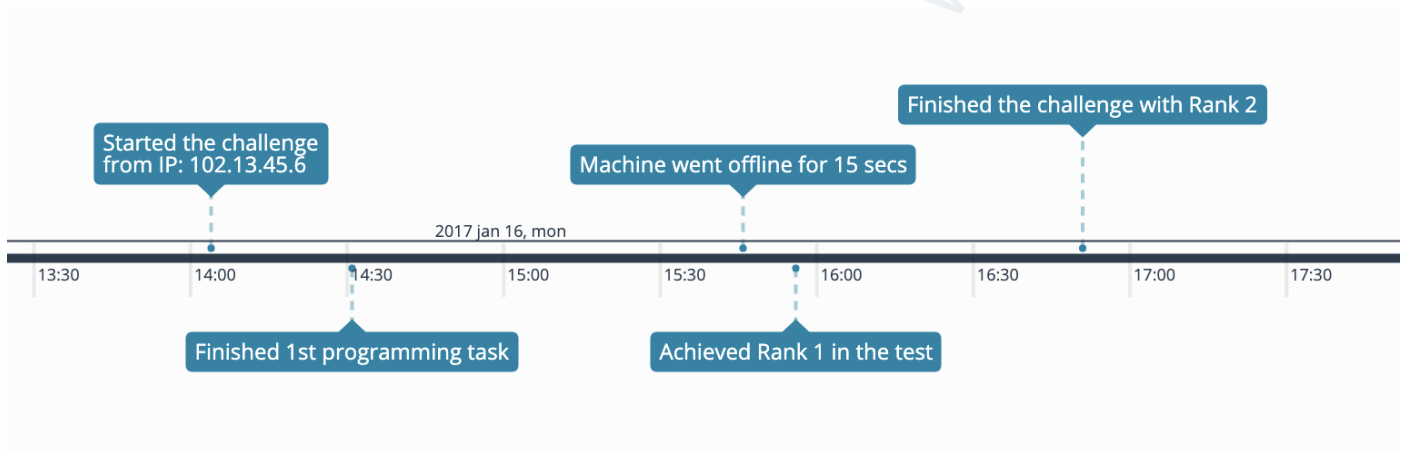
APPLICATION-BASED TASKS

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%)
---------------------	--------------------

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

WE CREATE PROBLEMS
wecreateproblems.com