



Dear Candidate,

**Thank you for showing interest in joining BrightChamps. We observed that you have applied to our job post for Data Operations Intern. As a first step, we would like you to submit a short assignment to assess your suitability for the role.**

**About US -**

BrightCHAMPS is India's first company focused on holistic technology development for the child. At BrightCHAMPS, we are creating next generation technology leaders who will create the best solutions for the impending problems of the future. Our teachers and curriculum-designers are the flag-bearers of our approach to revolutionise the education system making it unique, immersive and holistic for the kids, sparking curiosity and thirst for learning and doing. They constantly strive to bring out the genius in every kid. The curriculum is conceptualised and designed by the best minds from top tier institutes, like IITs and IIMs.

**Glassdoor reviews:** <https://www.glassdoor.co.in/Reviews/BrightChamps-Reviews-E3634726.htm>

---

## Data Simulation Task

### Problem Statement:

- Retrieve and calculate the penalties which should be levied for each candidate based on their class cancellations

### Input:

- The Dataset for teacher class cancellations is attached to this document
- The data should be analyzed based on the 3 attributes Date of Request, Date of Demo, Slot

**All the Best :)**

---

## Logic:

- The penalties should be levied based on the following conditions:
  - **Emergency Leave:** Informs within 2 hrs of the demo slot. For eg: If the demo slot is at 1 pm, inform after 11 am. If more than **3** such cases are found for one teacher then Rs.100/- will be deducted for each class after that
  - **Informed Leave:** Informs before 2 hrs of the demo slot. If more than 5 such cases are found then Rs.50/- will be deducted for each class after that

## Output:

- Output should be a dataset with the attributes Teacher Name, Total Penalty Levied, Type of penalty (Emergency Leave / Informed Leave)

## Resources:

[Demo Cancellation Data - Google Sheets](#)

The data set should be downloaded before analyzing

---