



## Data Science technical test

### Dear Candidate,

We are excited to introduce you to a thrilling challenge that awaits you in the next stage of our interview process! At Bliink, we believe in hands-on assessment to better understand your technical prowess and problem-solving approach. This practical test is designed to allow you to showcase your skills in a real-world scenario. You will be creating an Image Prediction API using a lively dataset filled with Pokemon images. Your mission, should you choose to accept it, involves harnessing the powers of Flask and TensorFlow to develop a robust API that can identify different Pokemon types.

- **Dataset:** The data you will be working with is a captivating collection of Pokemon images. It's a diverse dataset that will test your data processing and model training abilities. You will find it linked to this instructions
- **Tools:** We recommend the use of Flask for setting up the API, and TensorFlow for developing the deep learning model. If you're more comfortable with other tools, feel free to demonstrate what you know !
- **Evaluation:** Your submission will be assessed based on your comprehension of the problem, the efficiency and readability of your code, the functionality of your API, and lastly the accuracy of your model.

**Submission:** Alongside your code, provide a well-documented README explaining the logic behind your solution, and instructions on how to run your API.

**Bonus:** If you're up for an extra challenge, explore additional features or optimizations that could enhance the performance and usability of your API/model.

We look forward to seeing your unique solution to this challenge. Best of luck, and may the BliinkForce be with you on this adventure!

