### Dog Classification

<< Previous (/questions/general-data-science/petri-dish/41452?visibility=1&skillId=839&orderBy=QuestionType)</p>

Next >> (/questions/general-data-science/pet-detection/41453?visibility=1&skillId=839&orderBy=QuestionType)
Back to questions (/questions?visibility=1&skillId=839&orderBy=QuestionType&orderByAscending=True)

The following .csv file contains the data from a classifier model that predicts if an image contains a dog: predictions.csv 🗷

The first column contains information if the dog is in the image or not. The second column contains the classifier prediction, which is in the interval 0-100, with higher values meaning that the classifier is more confident that image contains a dog.

What is the value of the decision boundary that will maximize the accuracy of the model? Values greater than or equal to the decision boundary will be treated as positive.

51

Submit

Your score is 100%, perfect!

Competition is fun! Especially when you know you'll win. :) Challenge friends to match your score ▼

Use this question for your test (/sign-up?SignUpType=FromQuestion&QuestionId=41451)

<< Previous (/questions/general-data-science/petri-dish/41452?visibility=1&skillId=839&orderBy=QuestionType)

Next >> (/questions/general-data-science/pet-detection/41453?visibility=1&skillId=839&orderBy=QuestionType)

Back to questions (/questions?visibility=1&skillId=839&orderBy=QuestionType&orderByAscending=True)

Tags

GENERAL DATA SCIENCE () CLASSIFICATION () DECISION BOUNDARY () PUBLIC () NEW ()

**Difficulty:** Hard **Duration:** 20min

Author: Davor Čulig &

Score Distribution

Not enough data for chart

Chat with us!

### Would you like to see our other questions?

We have 750+ premium hand-crafted questions for 50+ job skills and 15+ coding language. We prefer questions with small samples of actual work over academic problems or brain teasers.

Visit our question library (/questions)

### **Private Concierge**

Send us an email with an explanation of your testing needs and a list of candidates. We will create an appropriate test, invite your candidates, review their results, and send you a detailed report.

Contact Private Concierge (/contact-us)

## Would you like to see our tests? The following tests contain General Data Science related questions:



Data Science Test (/tests/data-science-test/65)

General and Python Data Science, and SQL Online Test (/tests/data-science-sql-online-test/117)

General and Python Data Science, Python, and SQL Online Test (/tests/general-python-data-science-python-sql-online-test/140)

General Data Science and SQL Online Test (/tests/general-data-science-sql-online-test/141)

### On the TestDome Blog

(https://blog.testdome.com/screening-applicants-good-bad-ugly/)

# Screening Applicants: The Good, the Bad and the Ugly (https://blog.testdome.com/screening-applicants-good-bad-ugly/)

Since we're all biased and we use incorrect proxies, why not just outsource hiring to experts or recruitment agencies? After all, they've been screening people for many years, so they must know how to do it right?

Not really. I was surprised to discover that many experts disagree with each other. Everybody praises their pet method and criticizes the others. Many of these methods look legitimate, but are based on...

Read more (https://blog.testdome.com/screening-applicants-good-bad-ugly/)

Chat with us!

**EXPLORE** Home (https://www.testdome.com) Tour (/tour) Tests (/tests)

Back to Top

Questions (/questions) Pricing (/pricing) Blog (https://blog.testdome.com/) Book (/evidence-based-hiring)

For Jobseekers (/for-jobseekers) Sign in (/sign-in)

**LEGAL** Terms of Use (/legal/terms-of-use) Privacy Policy (/legal/privacy-policy) Contact Us (/contact-us)

© TestDome