



# Level 1 2

## Level 2: The Bird Love Score

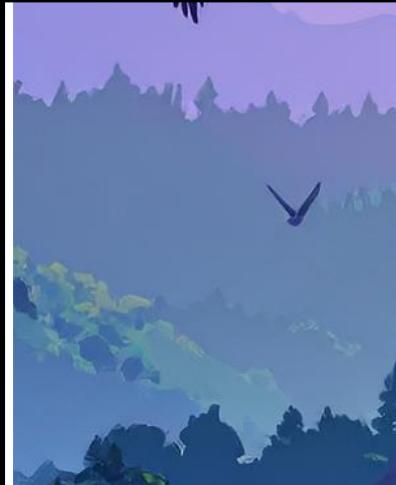
So you now have a sorted list, great job!

But you remember, like the other expert Dr. Oldfeather always said, “it’s not just temperature and humidity you fools!!1!”.

The urge of birds migrating to an area shall be called “Bird Love Score” and shall also consider vegetation, insects and urban light.



continue



## Level 2: The Bird Love Score

- You created a new table with all the new values.
- You might reuse data from level 1 (included in level\_2.zip)
- Unfortunately, you cannot find the Bird Love Scores for all your Bird Observation Points. Some are missing.
- Luckily, as you are main class Ornithologist and sub class Data Scientist, you are confident to find a way to predict the missing values.
- Also, you figured out that some °C temperature values were mistakenly reported in °F, so you should correct that in your data



CSV Sample (included in level\_2.zip):

```
BOP, Vegetation [%], Insects [g/m²], Urban Light [%], Bird Love Score [<3]
1, 42.07, 10.81, 40.83, 52.44
2, 53.33, 10.32, 39.86, 68.62
3, 57.13, 12.97, 10.11, missing
4, 59.45, 12.30, 67.18, missing
```

note: the spaces after commas in this csv sample are just for readability, they are not in real \*.in files

continue

## Level 2: Acceptance Criteria

For this level to succeed, upload a csv file, containing the predictions for all “missing” Bird Love Scores.

Submission sample (included in level\_2.zip):

```
BOP,Bird Love Score [<3]
3,28.20
4,42.95
```

You will need a good prediction to complete the level.

- RMSE < 6 for level\_2\_a
- RMSE < 3 for level\_2\_b
- RMSE < 3 for level\_2\_c

That's it – good luck!



submit