

We've recently made an accessibility improvement to the community and therefore posts without any content are no longer allowed. Please use the spoiler feature or add a short message in the message body in order to submit your weekly challenge.

2022-05-26 Updates: Email: If you're not seeing emails be delivered from the Community, please check your spam and mark the Community emails as not junk. Thank you for your patience.



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Free Trial

Weekly Challenge

Solve the challenge, share your solution and summit the ranks of our Community!

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IDEAS WANTED

We're actively looking for ideas on how to improve Weekly Challenges and would love to hear what you think!

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Challenge #222: Where There's a Whale There's a Way



A solution to last week's challenge can be found [here](#).

Every year whales around the world migrate from their feeding grounds to their breeding grounds. Some species travel an outstanding 12,000 miles round trip!

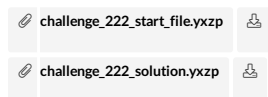
Use the data sets below to analyze migration movements for different whale species.

- The file Whale_Migration_Data contains a list of whales whose migration patterns have been tracked from 2001-2003, and the total kilometers each whale swam on each day of their migration.
- The file Whale_Pods contains a list of whale ids and pod ids, which indicates the pod each whale belongs to.
- The file Whale_Species contains information about the whale species of each pod.

Find the total number of kilometers each pod swam for migration for each year, then find the average number of kilometers each whale in that pod swam (total kilometers / number of whales in the pod). Then, find the pod with the highest average kilometers swam per whale for each species for each year.



Source: <https://www.dailymail.co.uk/news/article-4965690/Humpback-whale-breaches-Sydney-Harbour-sunset.html>



Basic Data Analysis Join Preparation

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Johnemery
10 - Fireball

Fun and quick challenge. Interesting data... too bad this isn't actual data!

Spoiler

View my solution video here:

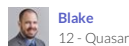
Spoiler



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Blake
12 - Quasar

What is the difference between a marine biologist and a dog?


Spoiler


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 **AngelosPachis**

16 - Nebula

Challenge #222 is done! Nice & quick challenge to start the week

▷ Spoiler


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 **Aaron_Harter**

11 - Bolide

A Whale sized data set and challenge, solved with a minnow-mum amount of tools:

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 **BradWerner**

11 - Bolide

▷ Spoiler

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 **PhilipManning**

15 - Aurora

Had a whale of a time doing this

▷ Spoiler

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 **JasperIch**

12 - Quasar

▷ Spoiler


 challenge_222_JL.yxmd



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
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dsmdavid
11 - Bolide


» Spoiler

 **david_222.yxzp** 

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WJJW-1
7 - Meteor

» Spoiler

I had a whale of a time doing this

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