TDU

Introduction to R

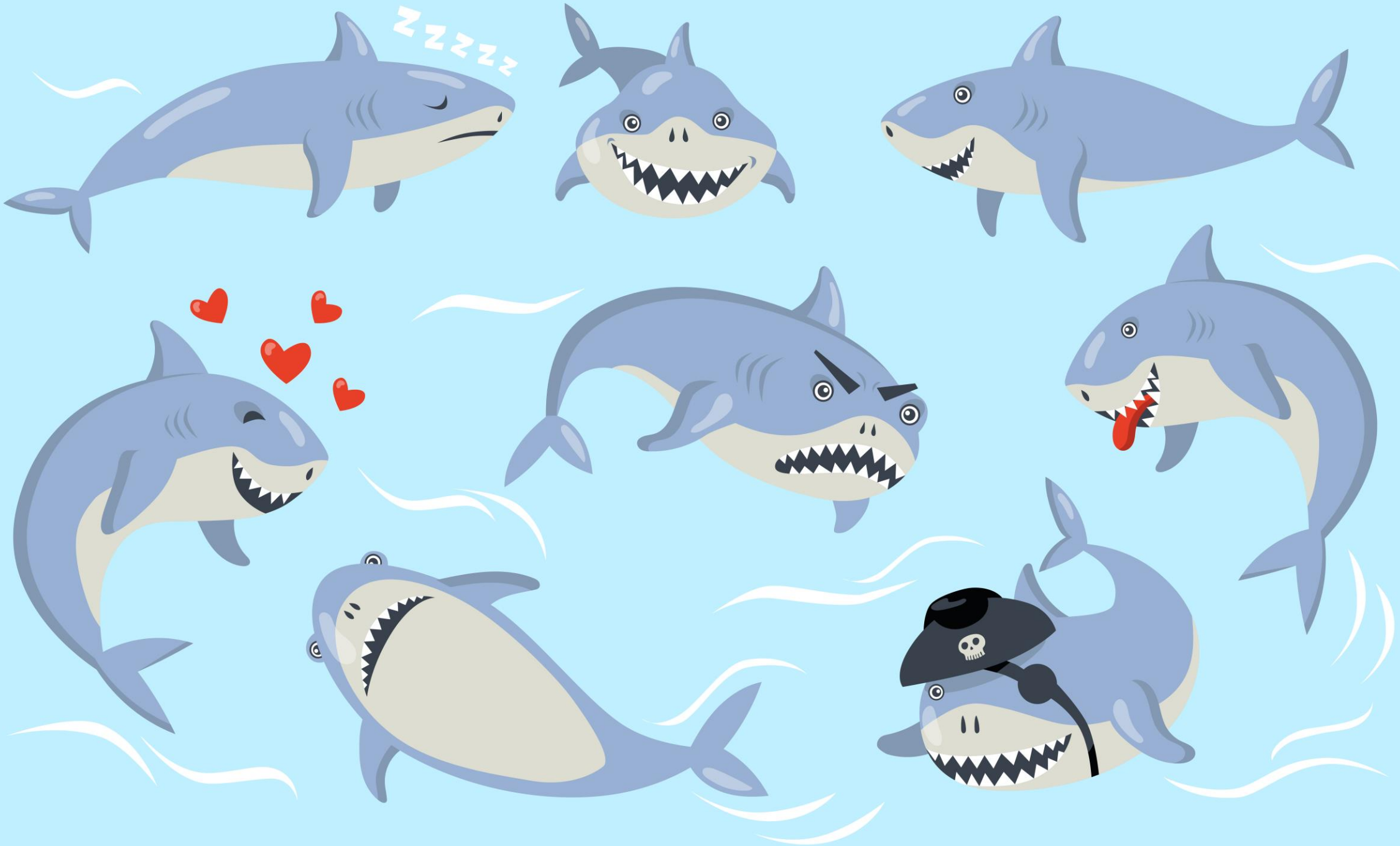
Day 4

Public Health Agency of Canada
Agence de la santé publique du Canada

Canada

Today's Overview

1. Check-in and debrief of exercise 3
2. Jeopardy
3. More demos!
4. Panel discussion / Q&A
5. Reflection and self-assessment
6. Course wrap-up



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What we heard

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Exercise Debrief

Exercise 3:

Asthma and administrative data joins

- Clean and process data
- Append and merge the datasets
- Apply an administrative case definition algorithm
- Analyse and visualise the data
- Build an automated report in R markdown

1. What was your favorite function or component of this activity?
2. Did anything surprise you? Did you do anything differently?
3. Do you foresee using any parts of this activity in your workplace? How?

Test your knowledge

R Jeopardy!

Please return by:
10:20 Pacific / 11:20 Mountain / 12:20 Central / 13:20 Eastern / 14:20 Atlantic / 14:50 NFLD

SME Demos

Image by wirestock on freepik

Please return by:

- **11:20 Pacific**
- **12:20 Mountain**
- **13:20 Central**
- **14:20 Eastern**
- **15:20 Atlantic**
- **16:50 NFLD**

INSIDE THE ANALYST'S STUDIO

Expert Panel

Audience Q/A

Please submit your questions (panel discussion Q&A tab):

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Reflection

Pearls of Wisdom

Pearls of Wisdom

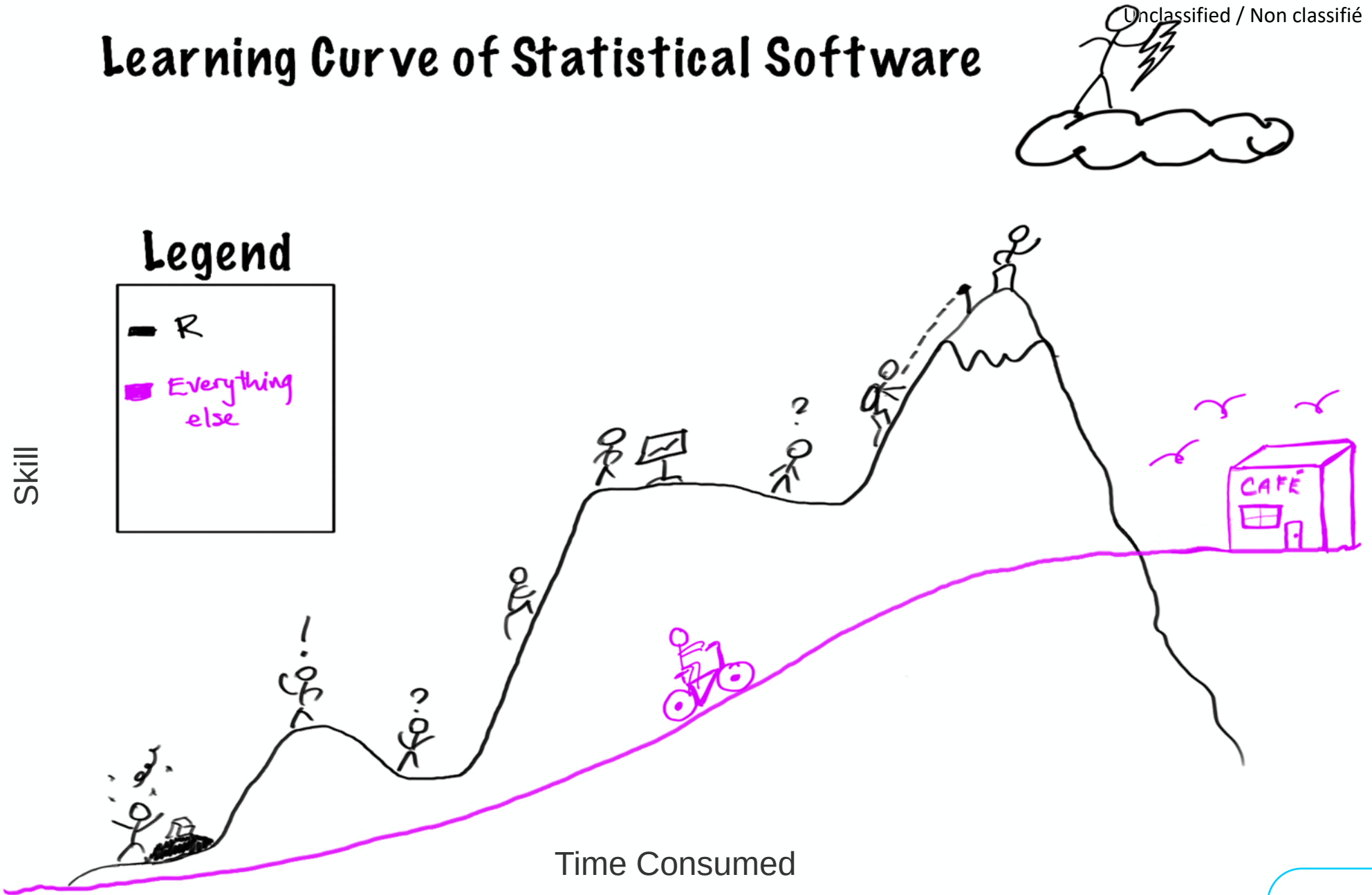
Now that the TDU's Introduction to R for Public Health Investigations course is drawing to a close, take a moment to reflect and:

- Identify one thing that you found easy
- Identify one thing you found surprising
- List one piece of advice you would give to a friend who is brand new to R
- Name one thing that you can see yourself using in your work after the course ends

Post-Course Self-Assessment

Wrap-up

Revisit the stamp tool to show where on the curve of R-learning you feel you are now!



If statistics programs/languages were cars...

The Map

Course Learning Objectives from Day 1:

- Learners will be able to (in R):

- Carry out data cleaning and processing, and descriptive epidemiological analyses (including commonly used data visualizations);

- Create automated data products (e.g., epidemiologic summaries);

- Design and carry out a data collation plan that is consistent with proposed analysis plan;

- Explain when it is most appropriate to program analyses and automates tasks using R;

- Find and appraise possible solutions to R programming challenges

Questions?

Comments?

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Wrap-up day 4

Please complete the course evaluation

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We wish you good luck, wherever your R learning voyage takes you next!

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