# Aquaculture Microbiome

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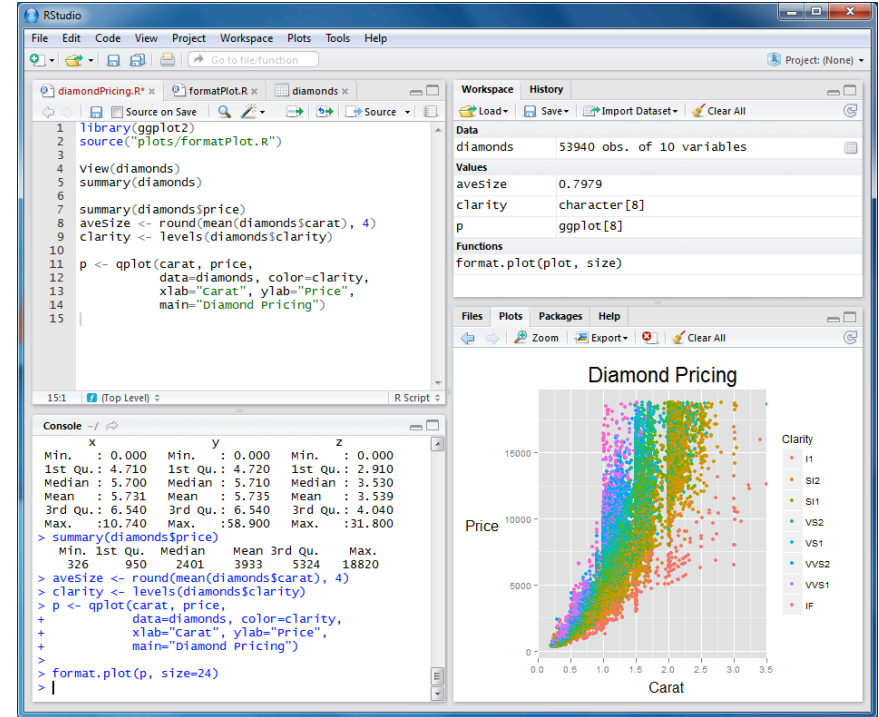# Welcome!

- Objective
  - Work more <span style="color:red">effectively</span> with data
- Teach basic concepts, skills, and tools
  - <span style="color:red">Enable</span>
  - <span style="color:red">More productive</span>
- <span style="color:red">≠</span> data expert on May 12th
  - <span style="color:red">How to get what you need</span>
    - Where to start
    - What to search

# By the end of the workshop…

- Understand the <u>basic workflow</u> of amplicon sequence process
- How to <u>organize</u> your data
- How to <u>manipulate</u> your data
  - View
  - Analyze
  - Store
- How to <u>explore</u> your data

# This week…

- Introducing R:
  - Why R?
    - Reproducibility
    - Versatile
    - Free and has a large development community
  - How to use R
- How to extend what you learned:
  - Work with your own data in R

# Private workshop…

- A learning experience
  - You
  - Us
- Your experiment specific analysis
  - We are here to help
- How can we improve?