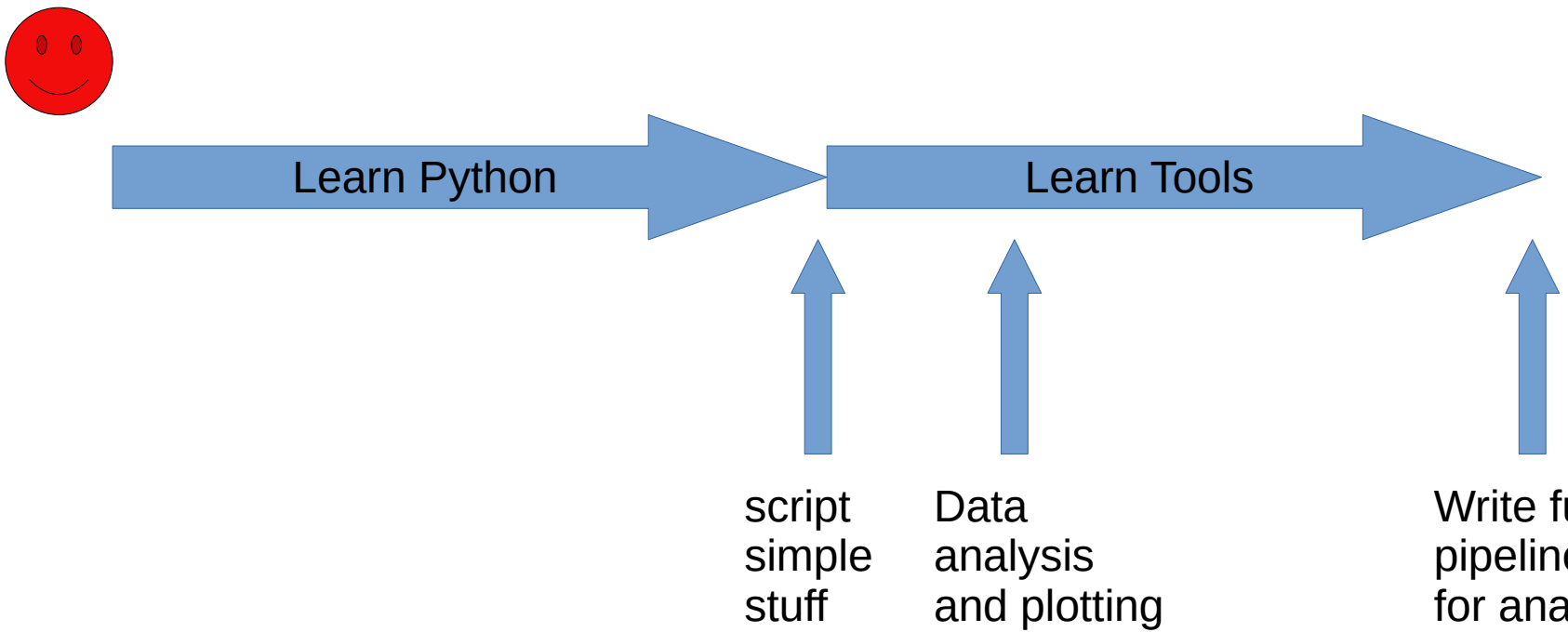
# Introduction

Hello world!

# What we plan to do



# Practical info

- GitHub
- Course info
- Installation
- Learning objectives

# Week 1

Day 1: Introduction, Simple Python

Day 2: Data types

Day 3: Program logic, Loops & Control flow

Day 4: File handling, Practice day w/ Rosalind

Day 5: Rosalind exercises, Regex, recap practice

# Week 2

Day 6: Functions, Code structure, Modules

Day 7: Data science packages: Jupyter, Pandas, Scipy

Day 8: Biopython and reading documentation

Day 9: Plotting with Radovan: Matplotlib, Seaborn

Day 10: Intro to Git, more data science

# Flexibility

Some flexibility in the plans, depending on your speed and interests.

Give me feedback!

So no worries if we get behind or ahead!

# Final Project

Build a small scientific pipeline **of your choice**.

4 weeks from  course end (effective work is ~1 full-time week)

23.05.2024 at 14:00 is the submission deadline

# Today’s menu

- How your PC works (Background)
- Programming
- Using Python
- Calculations
- Strings, numbers, variables
- Some easy exercises

# Acknowledgements

This guy started it all :)

Thank you Roland Sauter!