

Generic slide

- ▶ Introduction to \LaTeX
- ▶ Course 2
- ▶ Termpapers and presentations with \LaTeX
- ▶ Beamer class

Python for Ecologists

- ▶ Assuming not much programming experience
- ▶ Immersion approach
 - ▶ Short lecture on Python topic
 - ▶ Hands-on Python exercises
 - ▶ Rinse & repeat
- ▶ Will use ecological examples as much as possible.

Why bother with Python when I have R?

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Hello world! (from an interpreter)

```
>>> python
```

```
>>> print "Hello_world!"
```

```
Hello world!
```

Hello world! (from a script)

save this in a text file as hello.py

```
print "Hello_world!"
```

then run at the command prompt with 'python hello.py'

Hello world! (as an executable)

```
#!/usr/bin/env python  
# the above line automatically invokes Python  
# save this in a text file as hello_exe.py  
print "Hello_world!"  
# we can run this with simply "hello"
```