

Why python:
Better machine learning libraries

repl.it / languages / python3

Key differences from Java:

- Don't bother with a class unless you actually want to make an object
- Functions do not need return types (or parameter types)
- Indentations matter, not {} Begin functions with : and end by unindenting.
- Strings can be " or ', comments begin with #, and no semicolons needed.

Control Flow:

Conditions and loops have the same indentation rules as functions.

for loops are for each loop, and need some iterable to iterate over (list, string, etc)

no ++ operator

"is" operator : Java's == compares memory location

= operator : Java's .equals()

Reading files

with open(filename, mode) as f: # closes automatically when you unindent.
for line in f:
print(line)

"import" is used to get access to any code beyond the basic
import math

Think AI at different levels

AI in movies:

AI in reality

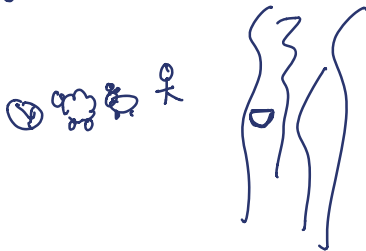
AI in "theory"

AI implementation



real slides on your own.

Big idea in AI: State Space



sheep cannot be with cabbage
dog cannot be with sheep

