Advance Python

Vihar Kurama
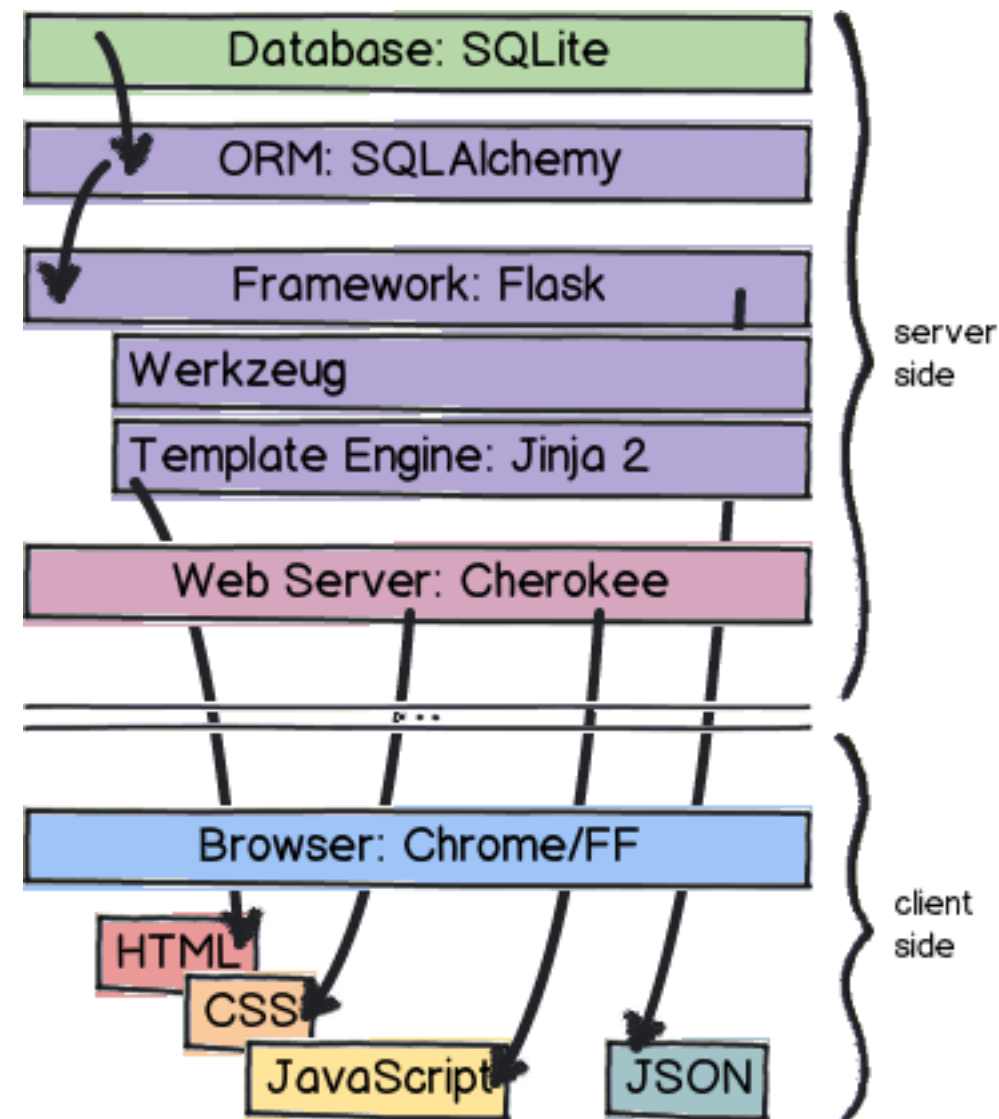## Co-founder, Caravel.AI

Python For Web

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Backend Programming

There is a portion of the application the user sees and then—in most cases—the largest part of the application remains unseen.

What all do we need to know?

Do we need to configure everything?

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NO

Python does it all.

How?

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Python Web Frameworks

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What is a WebFramework?

Web application frameworks, or simply "web frameworks", are the de facto way to build web-enabled applications. From simple blogs to complex AJAX-rich applications, every page on the web was created by writing code.

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Most Used Python Web Frameworks

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Flask Web Framework

http://flask.pocoo.org/docs/1.0/quickstart/

Flask is a micro web framework written in Python. It is classified as a micro framework because it does not require particular tools or libraries.

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Hello World In Flask

```python
from flask import Flask
app = Flask(__name__)


@app.route('/')
def hello_world():
    return 'Hello, World!'


if __name__ =="__main__":
    app.run(debug=True,port=8080)
```

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Python For DataScience

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DataScience 🙄?

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At the core everything is data.

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Data Analysis [at]

https://goo.gl/BrnFKh

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Python for Machine Learning and Research

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Machine learning is a subset of artificial intelligence in the field of computer science that often uses statistical techniques **to give computers the ability to "learn" with data**, without being explicitly programmed.

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INPUT

HIDDEN

OUTPUT

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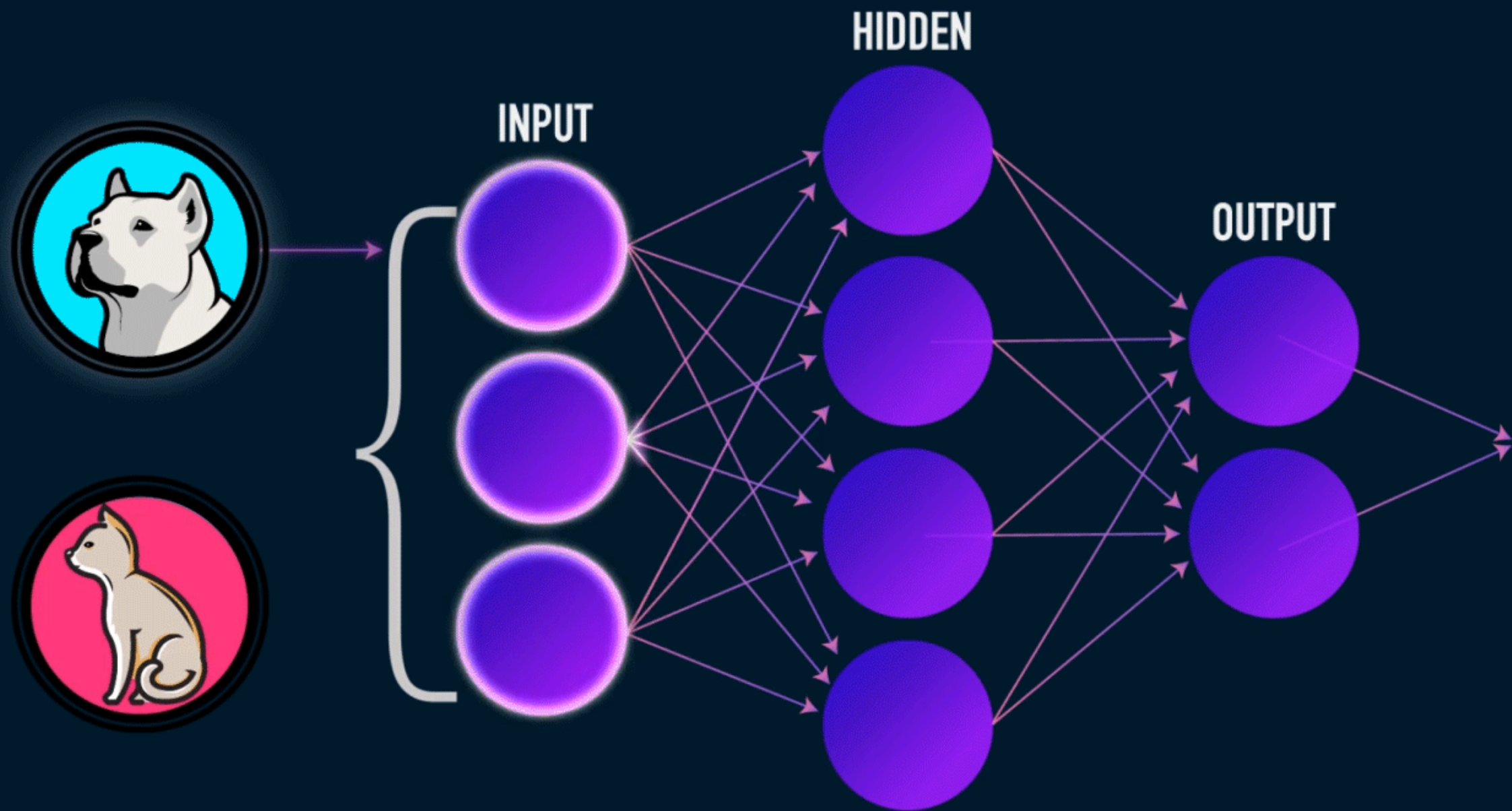
Thing we can do with Machine Learning.

- Speech Recognition
- Medical Diagnosis
- Statistical Arbitrage
- Learning Associations
- Classification
- Prediction
- Extraction

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More Info [at]

http://scikit-learn.org/

Questions?

Thank You!