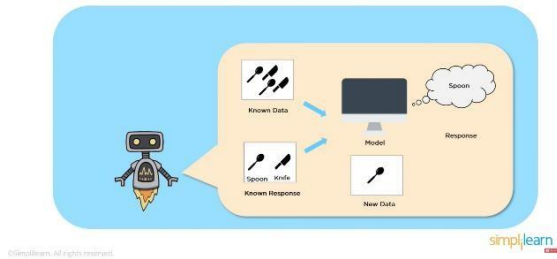


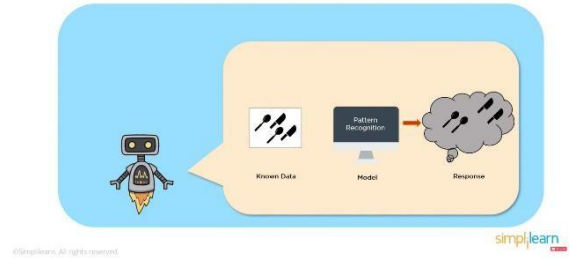
# PRIOR KNOWLEDGE

## 1. Supervised and unsupervised learning

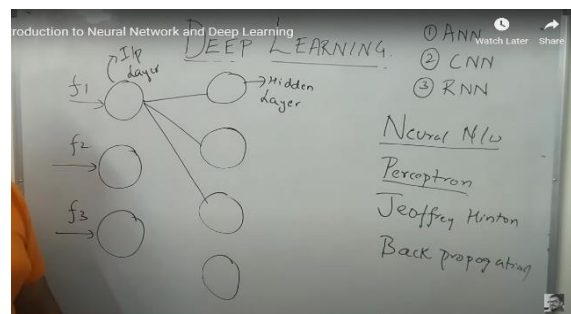
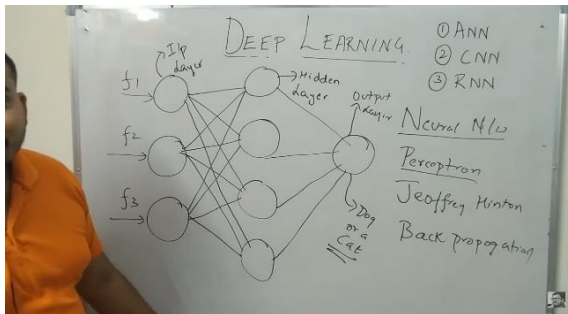
### Supervised Learning



### Unsupervised Learning



## 2. ANN



## 3. CNN

### Flask - Application

App.run(host, port, options)

All these parameters are optional

Sl.no	Parameter	Description
1	host	Hostname to listen on. Defaults to 127.0.0.1 (localhost). Set to '0.0.0.0' to have server available externally
2	port	Defaults to 5000
3	debug	Defaults to false. If set to true, provides a debug information
3	options	To be forwarded to underlying Werkzeug server.

Python hello.py

\* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)

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### Flask - HTTP Methods

Next is Python Script

```
from flask import Flask, redirect, url_for, request
app = Flask(__name__)

@app.route('/success/')
def success(name):
    return 'welcome %s' % name

@app.route('/login', methods = ['POST', 'GET'])
def login():
    if request.method == 'POST':
        user = request.form['nm']
        return redirect(url_for('success', name = user))
    else:
        user = request.args.get('nm')
        return redirect(url_for('success', name = user))
if __name__ == '__main__':
    app.run(debug = True)
```

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## 4. Flask

### Flask - Application

App.run(host, port, options)

All these parameters are optional

Sl.no	Parameter	Description
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Python hello.py

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