

# Separation of Concerns

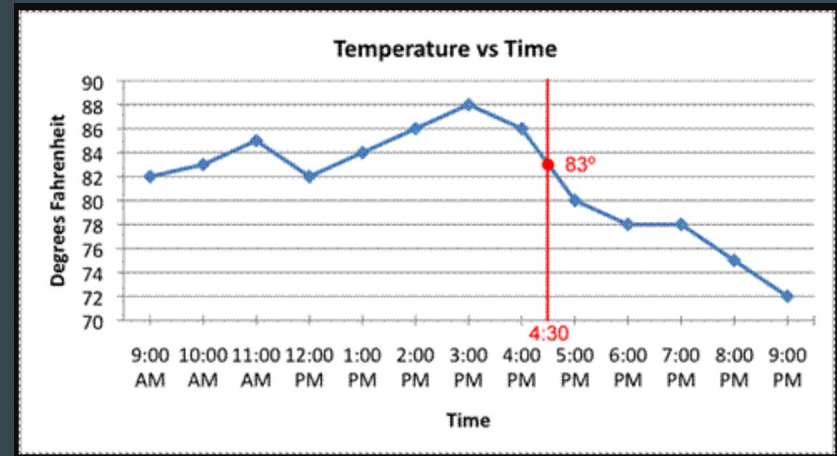


Abhi Pote Shrestha

‘Temperature Monitoring’ project with Mohamed

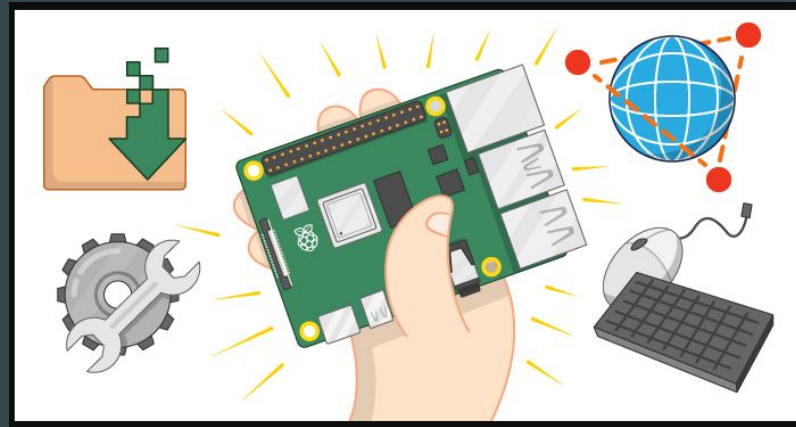
# Project - Temperature Monitoring

- Record temperature
- Analyse using statistics/machine learning
- Detect abnormal temperatures
- Alert users

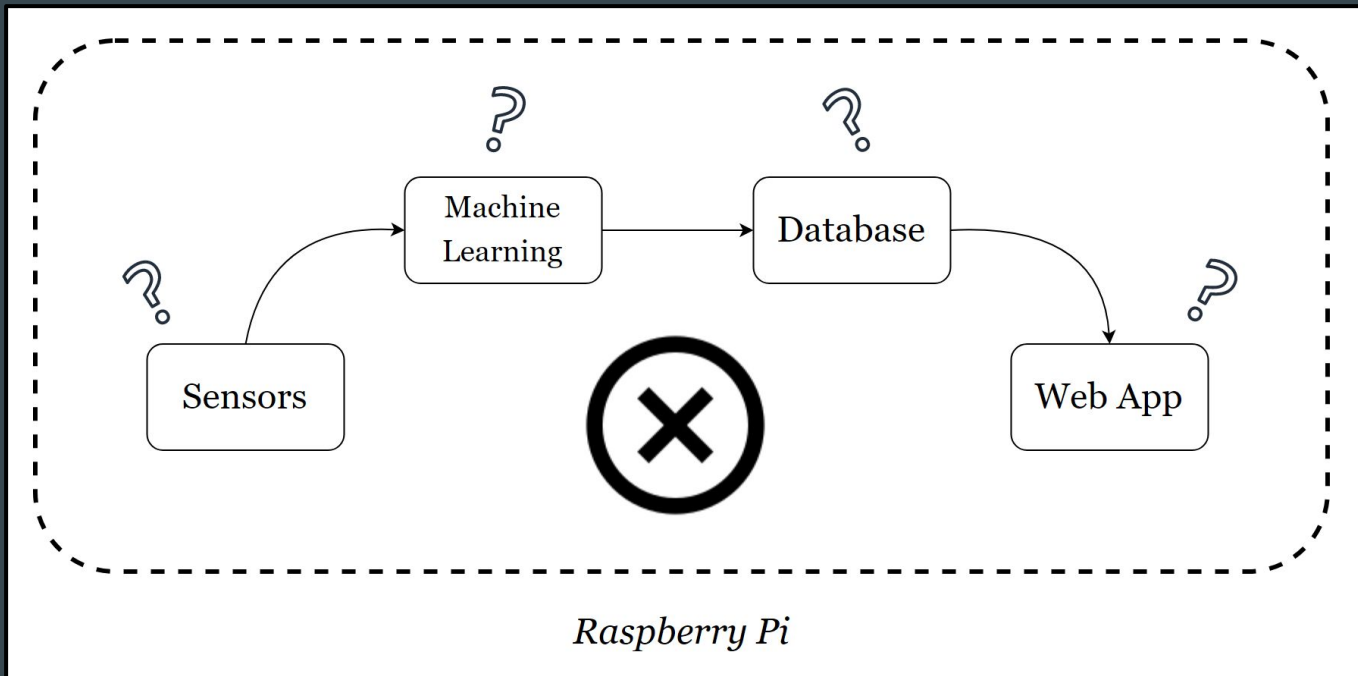


# Starting Idea

- Use a single device
- Raspberry Pi
  - Temperature sensors
  - Machine learning
  - Database
  - Plot and website

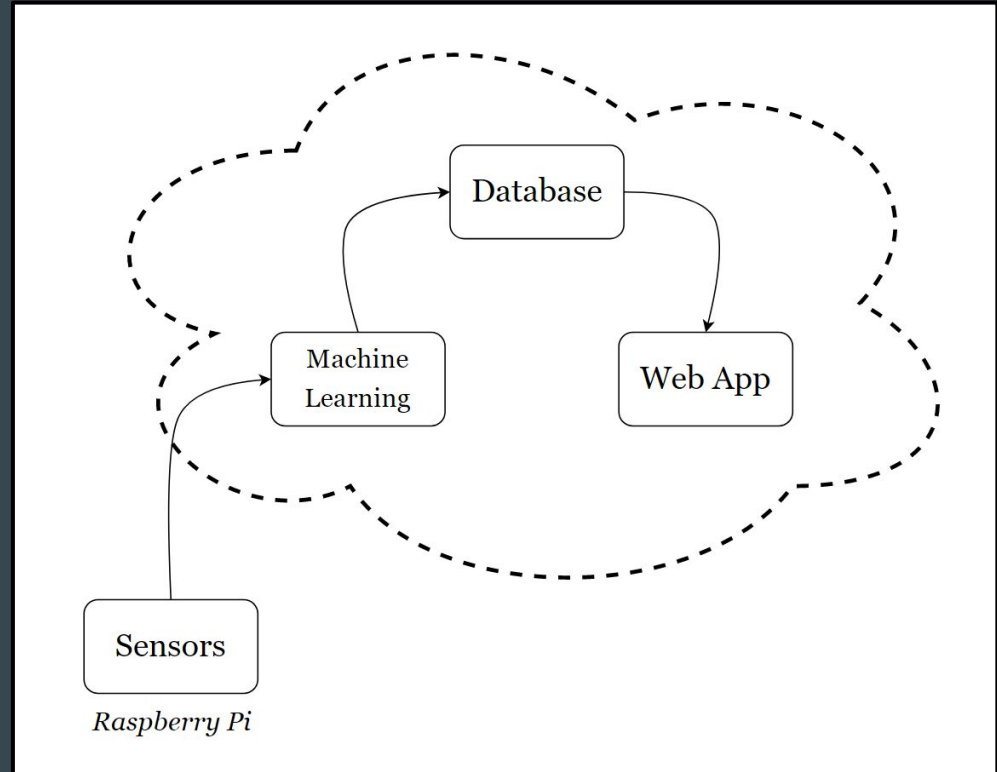


# Problem



# Solution

- Create separate modules
- Use cloud services
- Easy to troubleshoot
- Easy to scale
- Delegate work



# Conclusion - Separation of Concerns

- Raspberry Pi for personal project
- Cloud Computing for production scale

