

# Umbrella

## Weather station based on RPI

### Problem

- Local weather conditions
- Match plants to weather
- Access current and historic data
- Save space and money

**Solution**



**umbrella**

# Umbrella

## Weather station based on RPI

01

### Weather station Raspberry Pi

Small and portable;  
Cheap;  
Easy to create at home

02

Code written in C/C++

03

### Sensors

Temperature,  
humidity, pressure;  
Digital & analogue  
sensors;  
I<sup>2</sup>C protocol

04

### Display

JavaScript based  
web app;  
Current and  
historic data.