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| Resultado de imagen de bicicleta inteligente | |  | | --- | | The intelligent bikeProfesión o sector | Vínculo a otras propiedades en línea: Cartera, sitio web o blog |  Description Bicycle with electronic features that make life easier for the user. We will configure Raspberry-Pi in the bicycle and we’ll show the data obtained in the web application. List of Sensors  * [Rain Sensor](https://www.sunfounder.com/raindrop-sensor-module.html) * [Temperature Sensor](https://www.sunfounder.com/ds18b20-temperature-sensor-module.html) * [Accelerometer Sensor](https://www.sunfounder.com/accelerometer-gyro-sensors.html) * [Humiture Sensor](https://www.sunfounder.com/humiture-sensor-module.html) * [Display Sensor](https://www.sunfounder.com/display.html) * [LEDs Strip](https://www.amazon.com/SUPERNIGHT-5-Meter-Waterproof-Flexible-%20Changing/dp/B00ASHQQKI/ref=as_li_ss_tl?ie=UTF8&qid=1508454019&sr=8-3&keywords=rgb+led+strip%20+smd5050&linkCode=sl1&tag=dordnung08-20&linkId=e76a136117bedb6639bba234b99f54b8) * [Light Sensor](https://www.adafruit.com/product/439)  overview |

* The PowerBank AC Power provide energy to Pi.
* Pi publish the data by MQTT protocol and Heroku Server subscribe.
* Restful API made using Python & Django framework to consume by Web App.
* Front-End: Angular 6 framework with Material Design.
* The Pi’s Internet is provided by HotSpot Mobile.
* We’ll connect Mongo DB to mLab to save the data in a independent node.
* All things are connected by HTTP request.