

# PROYECTO: Gestión Económica Viaje de Estudios

Realizado por:

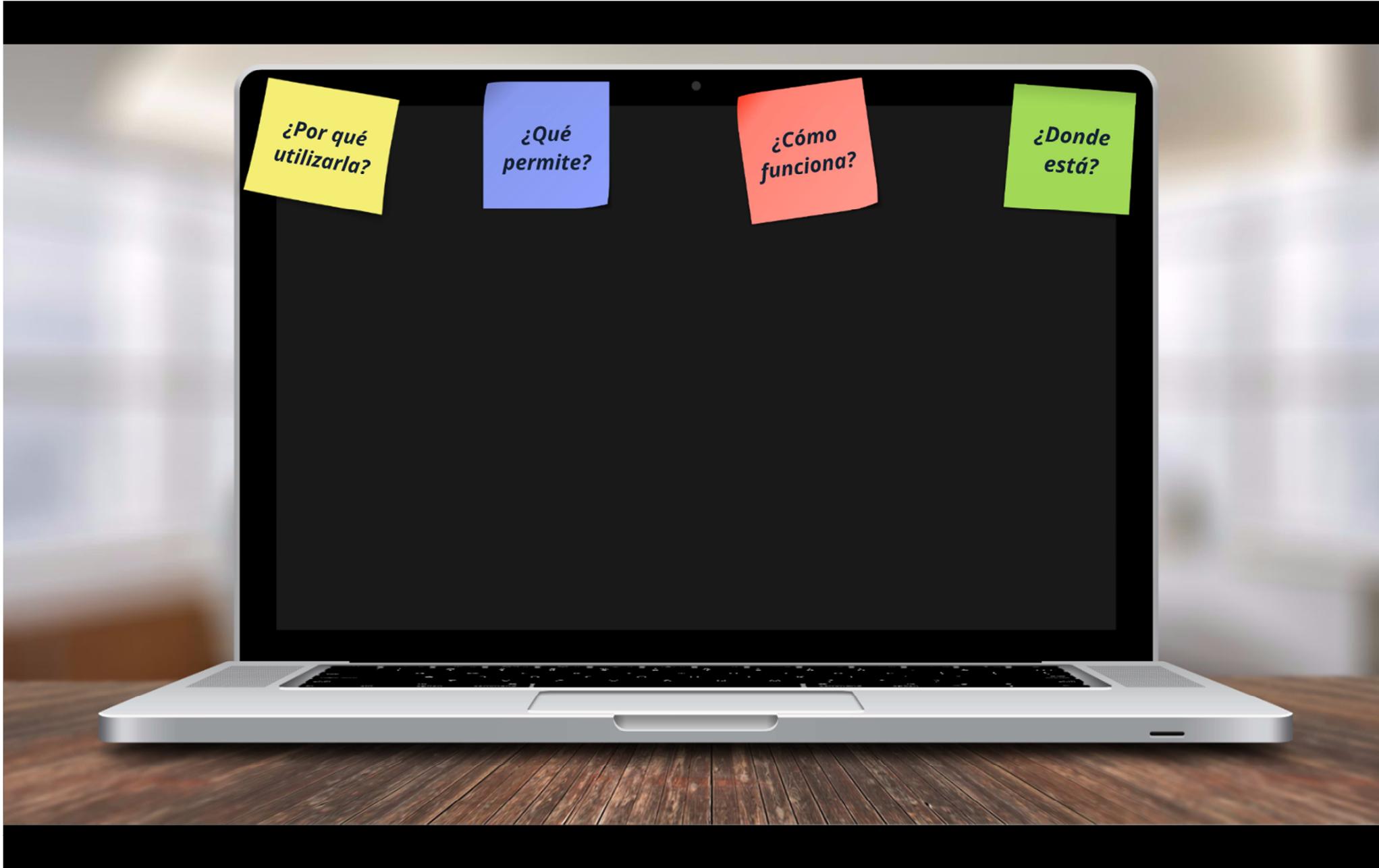
Rubén Fernández Fernández

Salvador Eugenio Medina Muñoz

Tutor: Alberto Sierra

IES Dos Mares

PRESENTACIÓN



¿Por qué  
utilizarla?

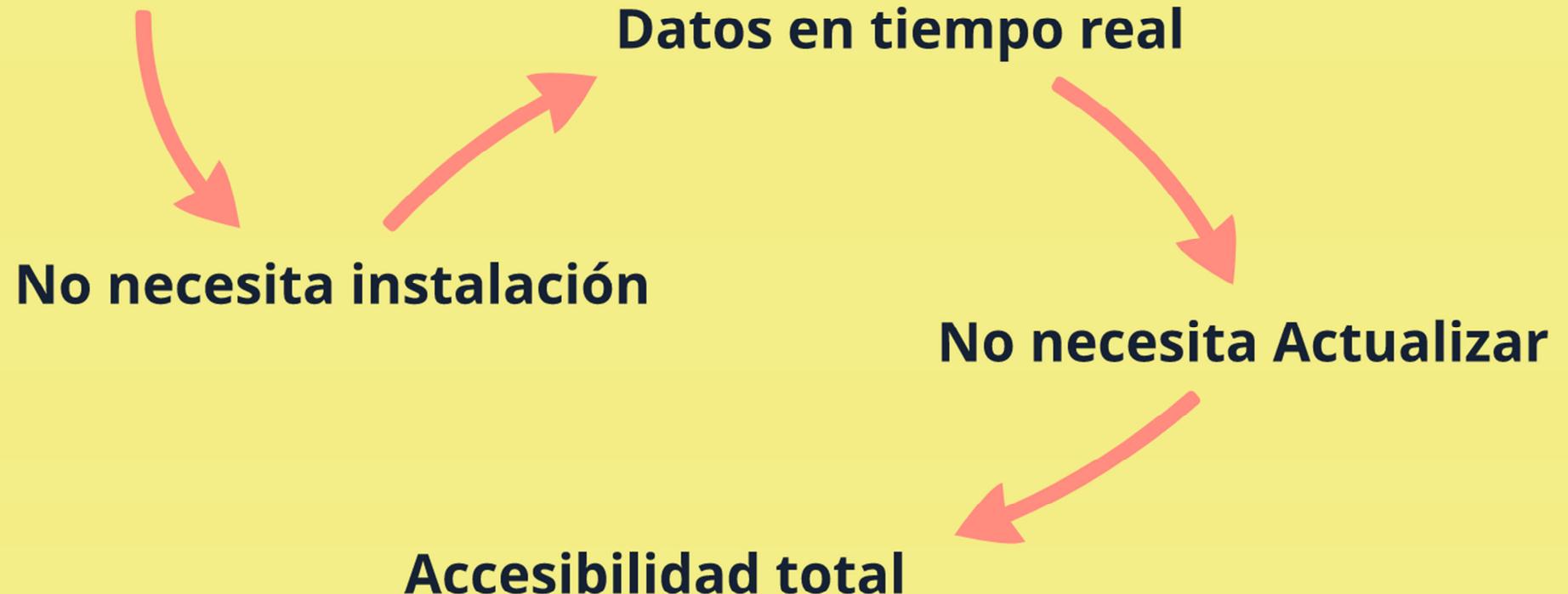
¿Qué  
permite?

¿Cómo  
funciona?

¿Dónde  
está?

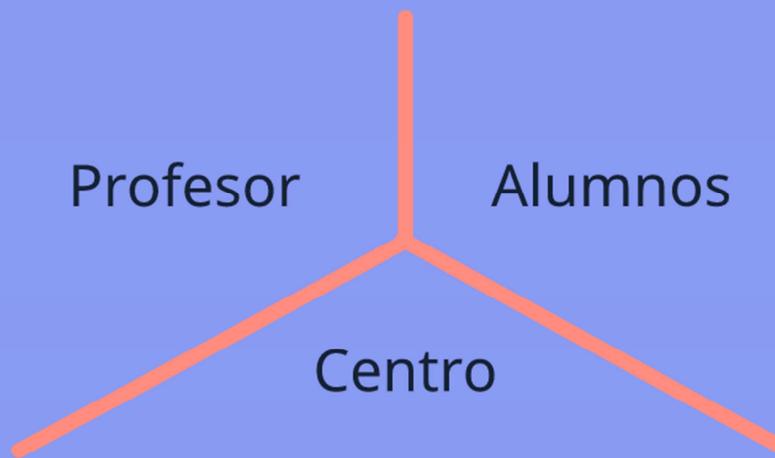
# *¿Por qué utilizarla?*

**Aplicación On-line**



# *¿Que Permite?*

Gestión y Organización de los datos.



# ¿Cómo funciona?

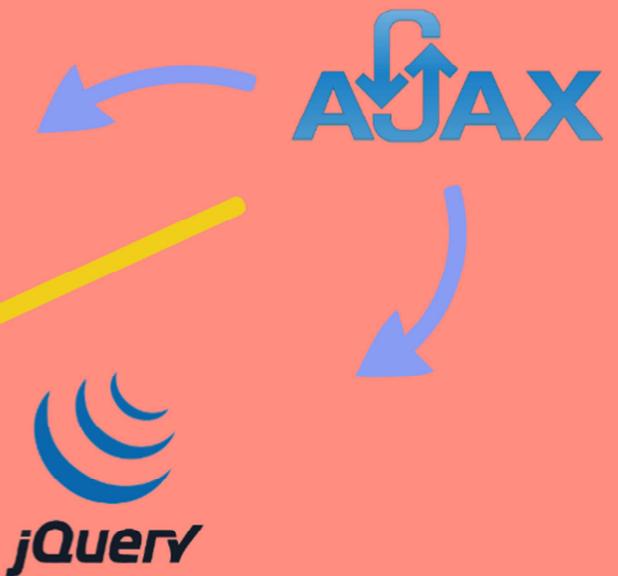
Servidor



Powered by  
 LoopBack  
Node.js Framework

The LoopBack logo consists of a green hexagon with a white "L" shape inside, followed by the word "LoopBack" in a sans-serif font and "Node.js Framework" in a smaller font below it.

 Bootstrap

The Bootstrap logo is a purple square with a white "B" inside, followed by the word "Bootstrap" in a sans-serif font.

Cliente

# ¿Dónde está?

www.guebs.com

## Hosting compartido

La solución perfecta para sitios con poco tráfico o para el desarrollo de aplicaciones

- Hasta 20 GiB de espacio
- Hasta 30.000 visitas/mes
- Buen rendimiento y fácil de usar
- Node.js 0.10, 0.12 y 4.2

**2,99**  
Desde 2,99 €/mes

[Ver planes y precios](#)

guebs

Centro de Ayuda | Atención al cliente | Acceso clientes

Miniweb Hosting Revendedores Cloud Premium Correo Dominios

**Carrito** 0 productos [comprar](#)

## Hosting Node.js

### Hosting fácil para Node.js

[Node.js](#) es una de las nuevas tecnologías de programación más innovadoras y que más interés ha despertado en los últimos años. A nosotros nos encanta y entendemos perfectamente porque cada día son más los programadores que trabajan con Node.js, generalmente para el desarrollo del backend de aplicaciones móviles, APIs y similares.

En guebs te ofrecemos la posibilidad de alojar tus aplicaciones Node.js de forma fácil y rápida. Su deployment es realmente sencillo y el rendimiento es muy bueno. Tanto nuestros [planes de hosting](#) como planes revendedor ofrecen soporte Node.js.

Actualmente, nuestros planes de hosting y revendedor te permiten elegir entre las versiones 0.10, 0.12 y 4.2 de NodeJS. Además, puedes usar NPM para instalar los módulos que necesites.

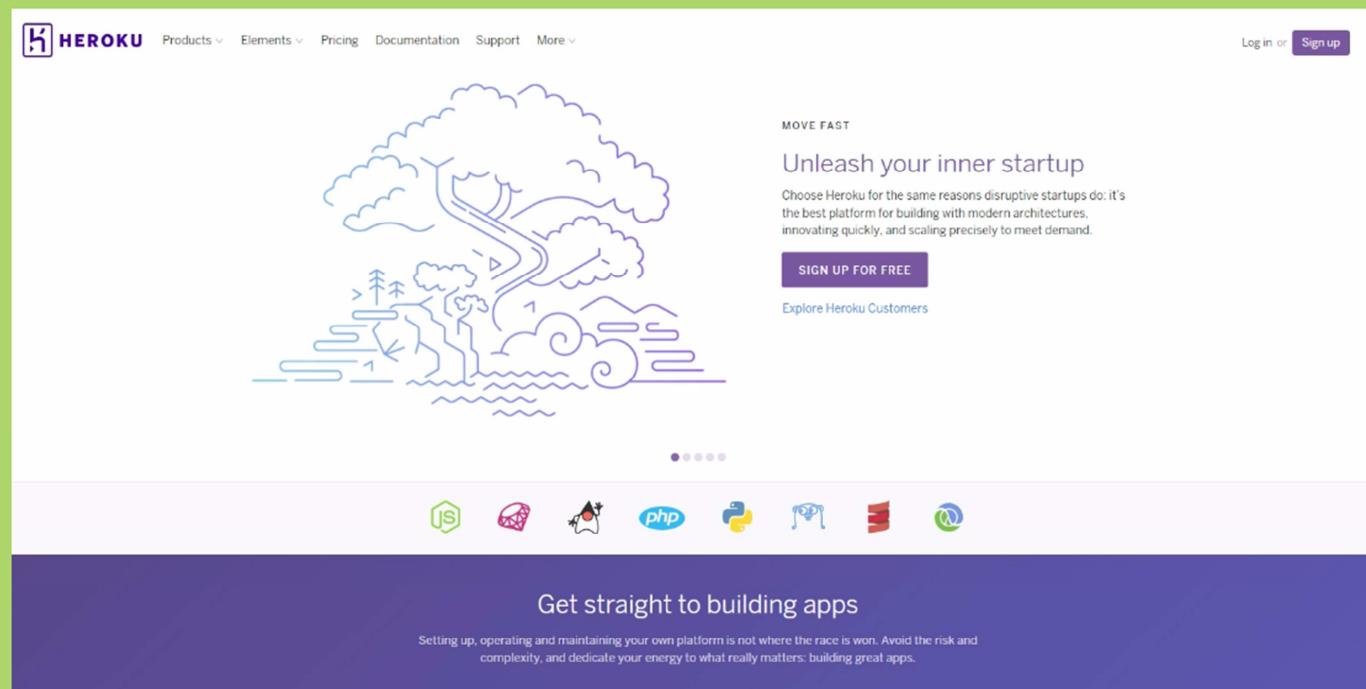
Para empezar, sigue las indicaciones de la guía [Cómo crear aplicación Node.js](#)

```
server.js
1 // reference the http module so we can create a webserver
2 var http = require('http');
3
4 // create a server
5 var server = http.createServer(function(req, res) {
6   // on every request, we'll output 'Hello world'
7   res.writeHead(200, { 'Content-Type': 'text/plain' });
8   res.end('Hola mundo!');
9 })
10
11 server.listen(3000);
```



# ¿Dónde está?

www.heroku.com



The screenshot shows the Heroku homepage. At the top, there's a navigation bar with links for Products, Elements, Pricing, Documentation, Support, and More. On the right side of the header are 'Log in' and 'Sign up' buttons. Below the header is a large, stylized blue line-art illustration of a winding path through a forest, with trees and clouds. To the right of the illustration, the text 'MOVE FAST' is written above 'Unleash your inner startup'. A paragraph explains why Heroku is good for startups, mentioning modern architectures, innovation, and scaling. Below this is a 'SIGN UP FOR FREE' button and a link to 'Explore Heroku Customers'. At the bottom of the page, a purple banner features the text 'Get straight to building apps' and a smaller note about avoiding platform setup complexity.

HEROKU Products Elements Pricing Documentation Support More

Log in or Sign up

MOVE FAST

Unleash your inner startup

Choose Heroku for the same reasons disruptive startups do: it's the best platform for building with modern architectures, innovating quickly, and scaling precisely to meet demand.

SIGN UP FOR FREE

Explore Heroku Customers

Get straight to building apps

Setting up, operating and maintaining your own platform is not where the race is won. Avoid the risk and complexity, and dedicate your energy to what really matters: building great apps.



# ¿Dónde está?

www.heroku.com

The screenshot shows the Heroku pricing page with three main sections: Free, Hobby, and Professional.

- Free:** Ideal for experimenting with cloud applications in a limited sandbox. It includes Core Platform Features, NEVER SLEEPS, FREE SSL & AUTOMATED CERTIFICATE MANAGEMENT FOR CUSTOM DOMAINS, APPLICATION METRICS, and MULTIPLE WORKERS FOR MORE POWERFUL APPS. It has 512 MB RAM | 1 web/1 worker and costs \$0 per dyno/month (prorated to the second). A red arrow points to the "NEVER SLEEPS" feature.
- Hobby:** Perfect for small scale personal projects and hobby apps. It includes Core Platform Features, NEVER SLEEPS, FREE SSL & AUTOMATED CERTIFICATE MANAGEMENT FOR CUSTOM DOMAINS, APPLICATION METRICS, and MULTIPLE WORKERS FOR MORE POWERFUL APPS. It has 512 MB RAM | 10 Process Types and costs \$7 per dyno/month (prorated to the second).
- Professional:** Enhanced visibility, performance, and availability for powering your professional applications. It includes ALL HOBBY FEATURES +, SIMPLE HORIZONTAL SCALABILITY, THRESHOLD ALERTS, PREBOOT, 512MB OR 1GB RAM, ALL STANDARD FEATURES +, MIX WITH STANDARD 1X, 2X DYNOS, DEDICATED, AUTOSCALING, and 2.5GB OR 14GB RAM. It supports up to ∞ Process Types and costs \$25 - \$500 per dyno/month (prorated to the second).



# ¿Dónde está?

www.heroku.com

The screenshot shows the Heroku pricing page with three main sections: Free, Hobby, and Professional.

**Free Plan:** Ideal for experimenting with cloud applications in a limited sandbox. It includes Core Platform Features, sleeps after 30 mins of inactivity, uses an account-based pool of free dyno hours, and supports custom domains. It offers 512 MB RAM | 1 web/1 worker. The price is listed as 6.25€.

**Hobby Plan:** Perfect for small scale personal projects and hobby apps. It includes Core Platform Features, never sleeps, free SSL & automated certificate management for custom domains, application metrics, and multiple workers for more powerful apps. It offers 512 MB RAM | 10 Process Types. The price is listed as \$7 per dyno/month prorated to the second.

**Professional Plan:** Enhanced visibility, performance, and availability for powering your professional applications. It includes all hobby features plus, simple horizontal scalability, threshold alerts, preboot, and 512MB or 1GB RAM. It also includes all standard features plus, mix with standard 1X, 2X dynos, dedicated, autoscaling, and 2.5GB or 14GB RAM. The price is listed as \$25 - \$500 per dyno/month prorated to the second.