

Repte Deloitte

HackUAB

Raúl Castillo

Pablo Necpas



Transports
Metropolitans
de Barcelona



Dades



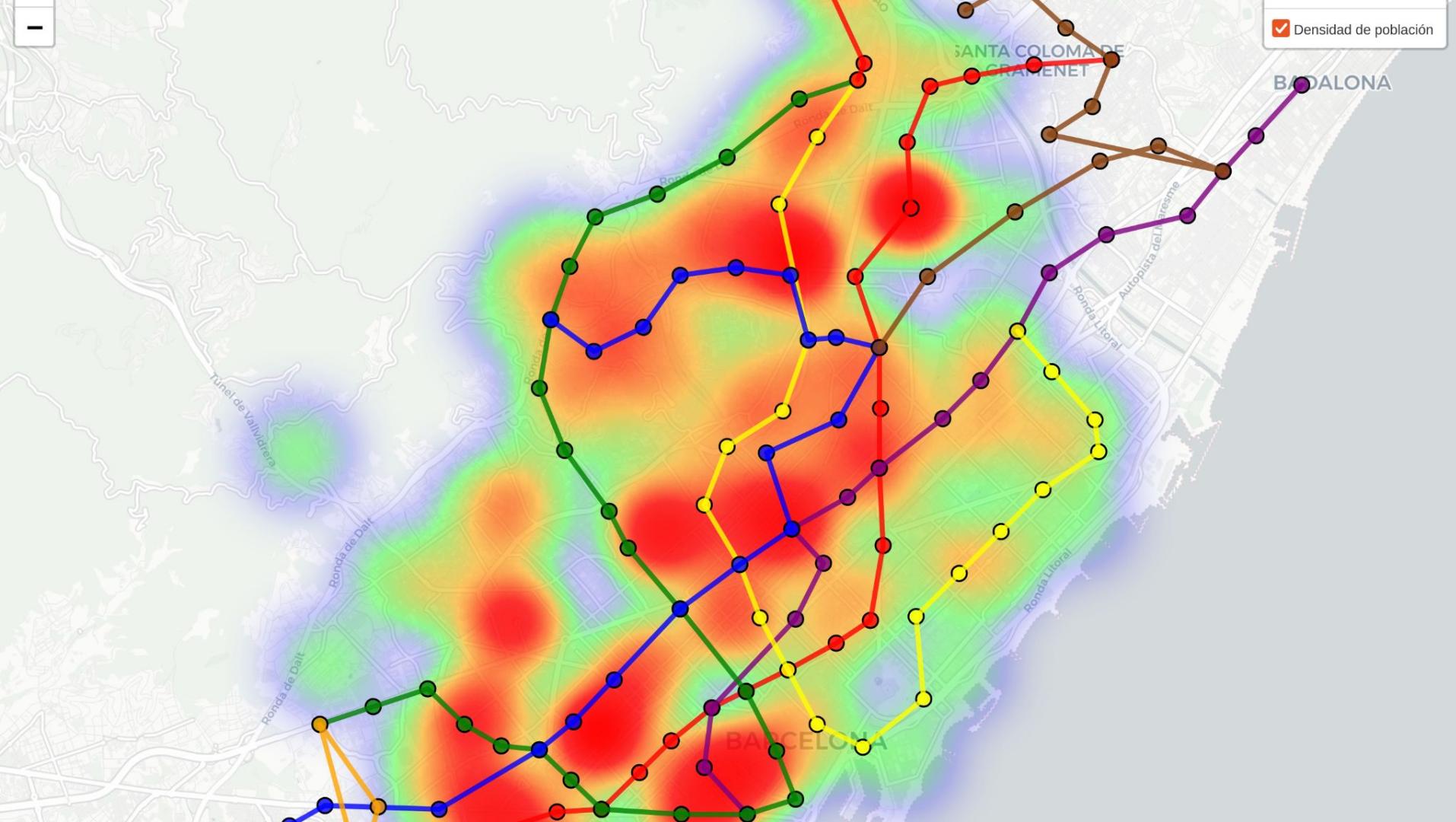
Dades **temporals**
d'ús de parades
de metro



Dades
geogràfiques de
barris i parades

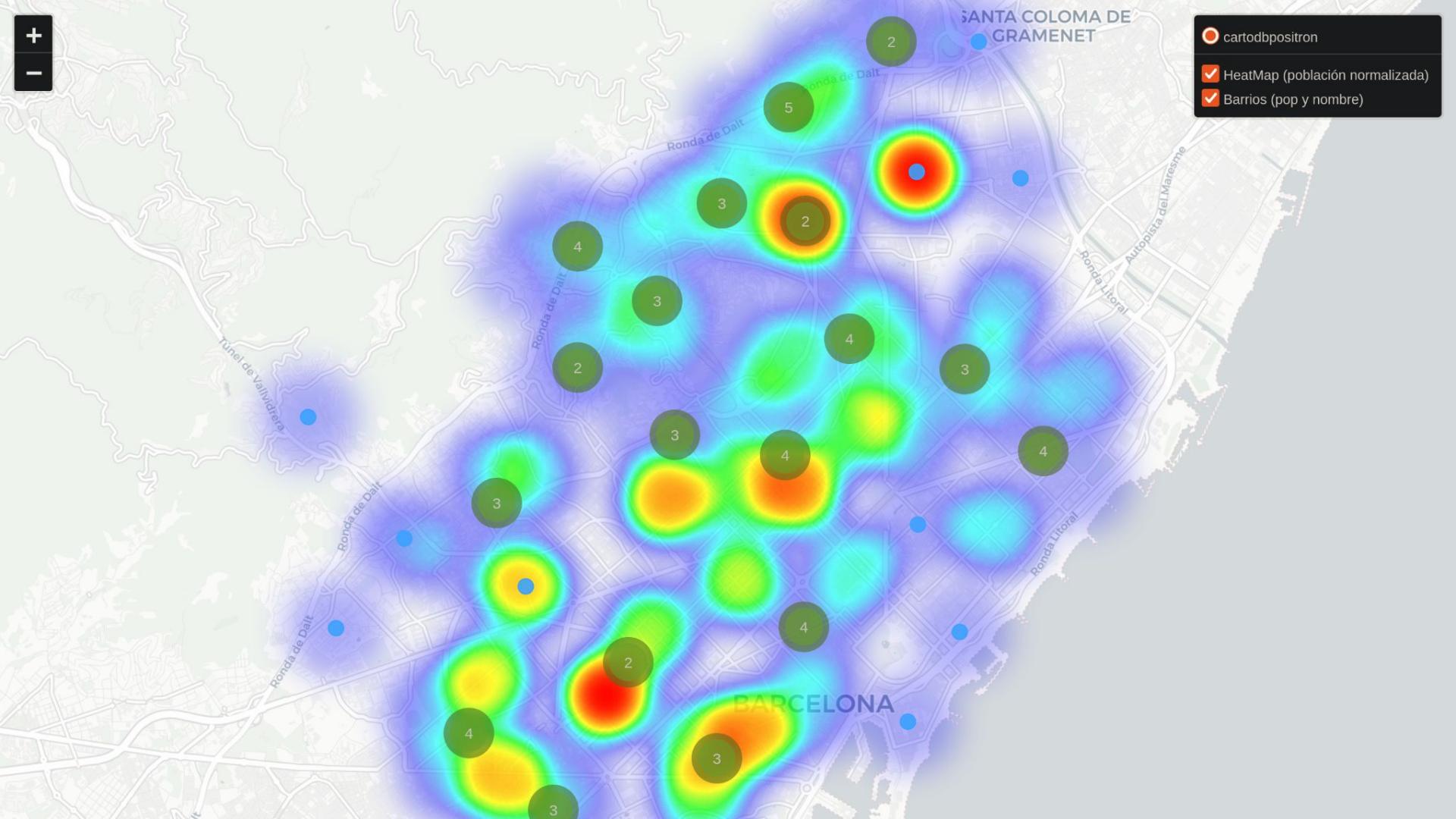


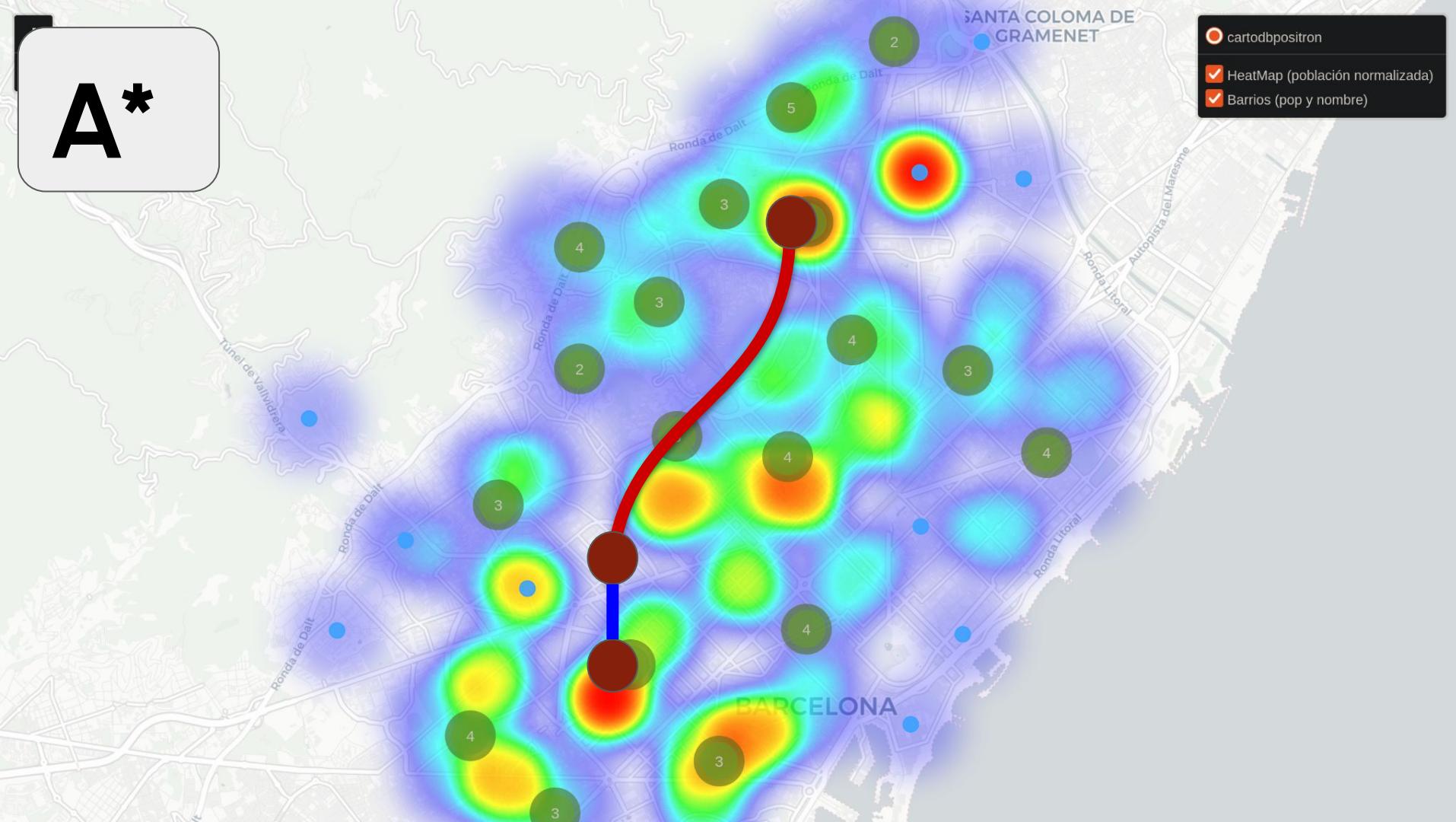
Dades de
densitat de
població

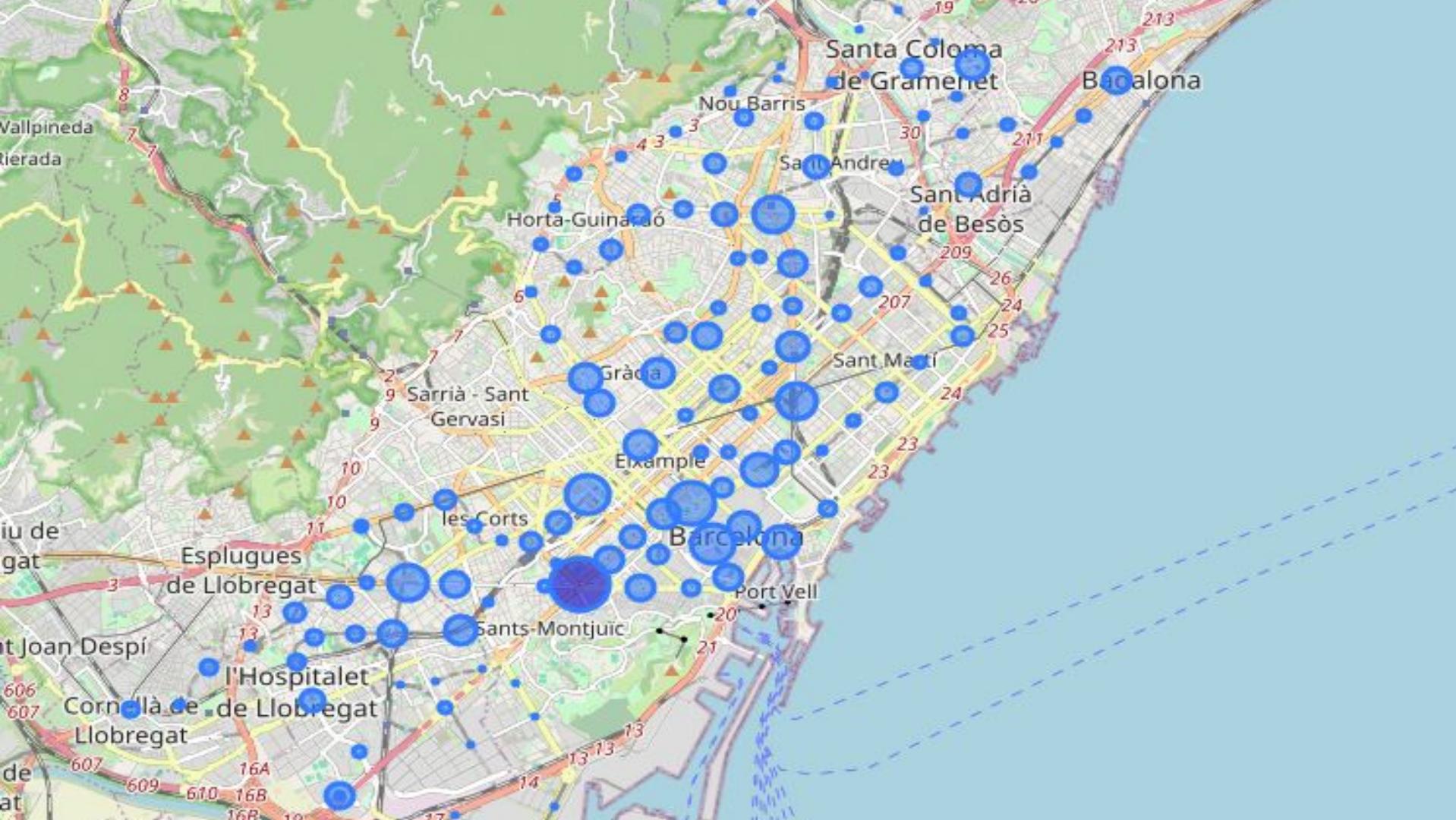


Evaluació

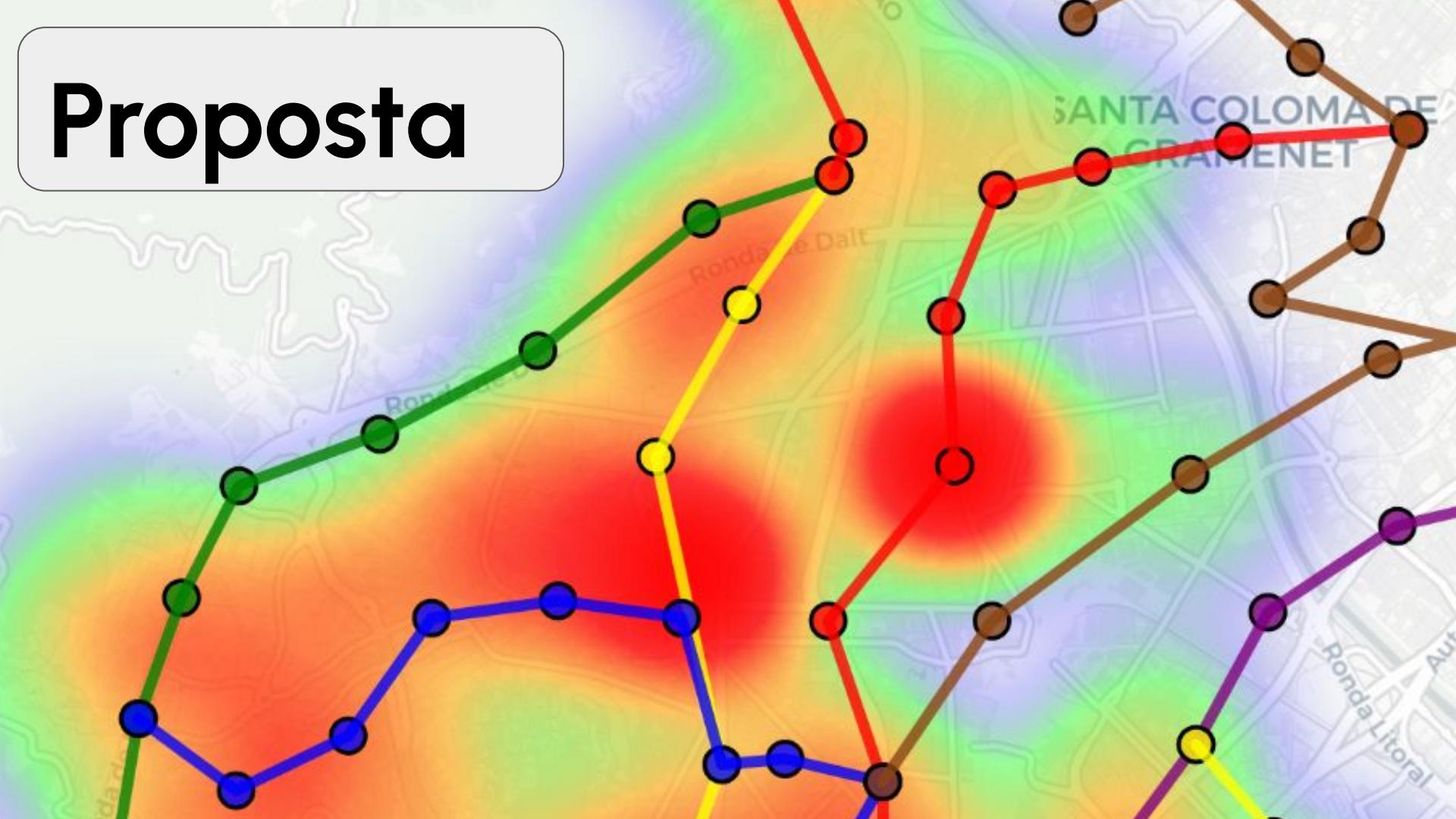
$$h : G \rightarrow \mathbb{R}$$



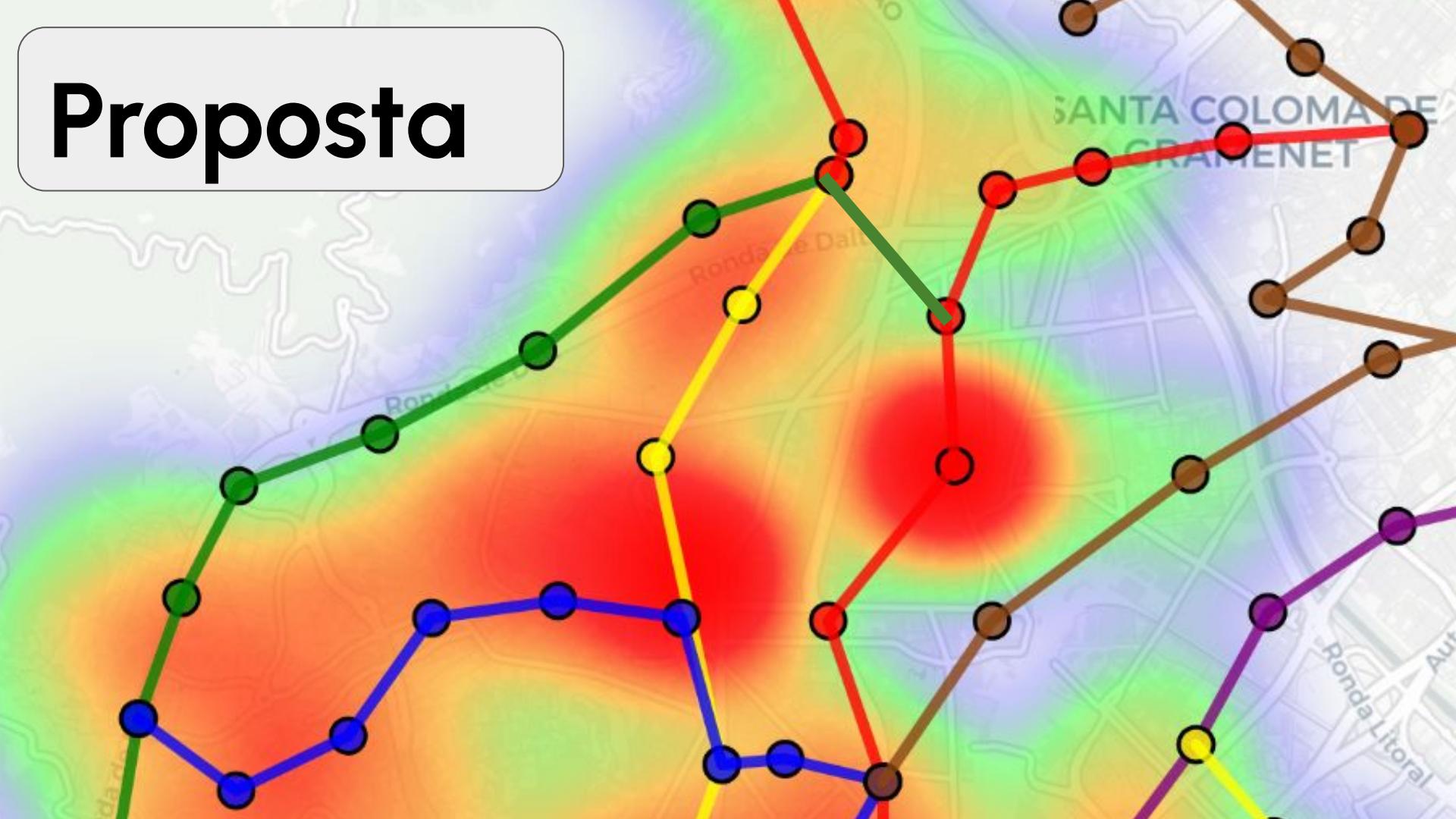




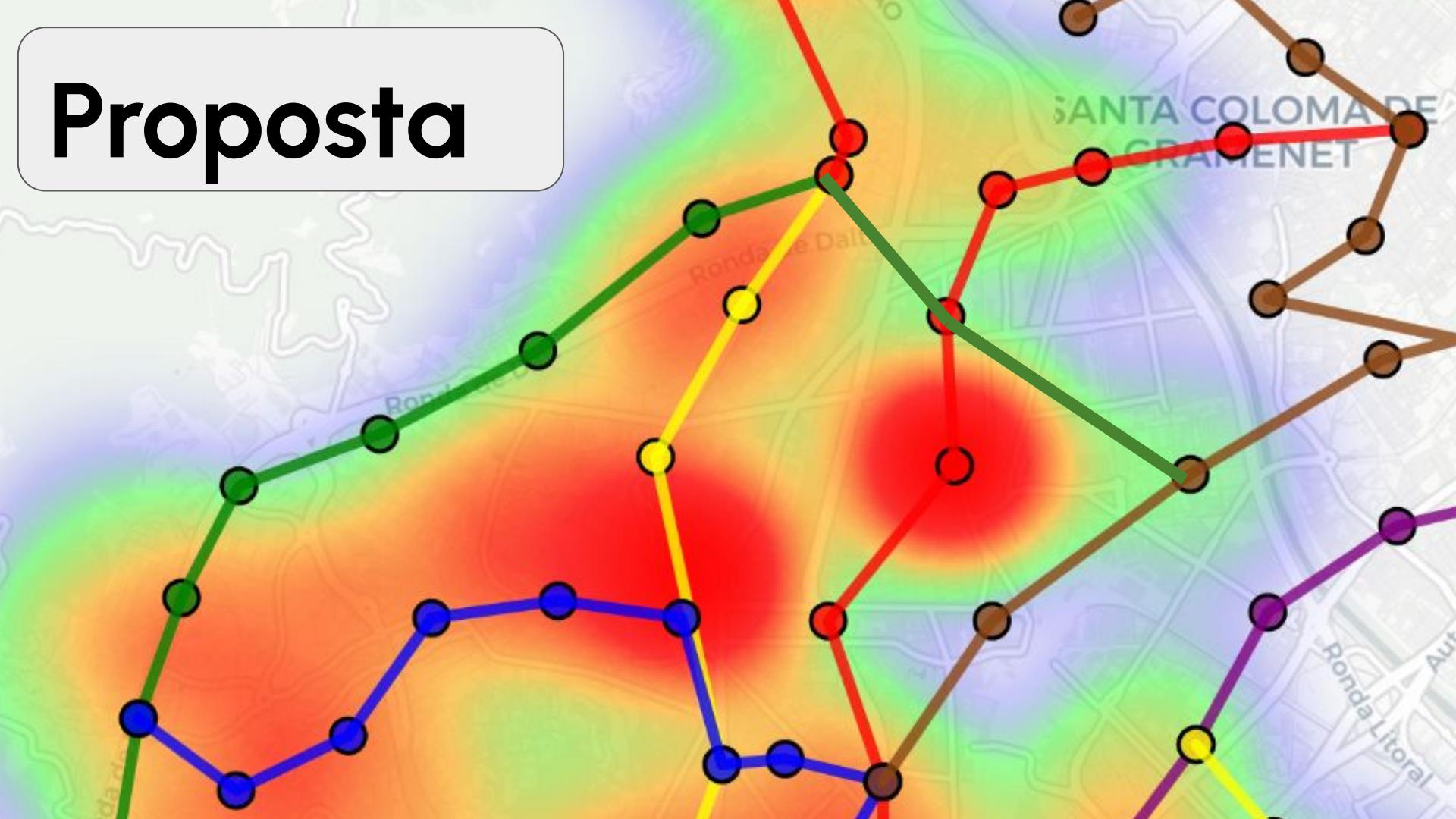
Proposta



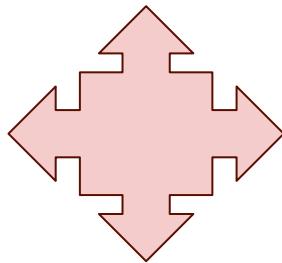
Proposta



Proposta

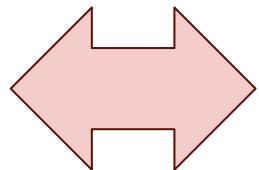


Comparativa



2.829%

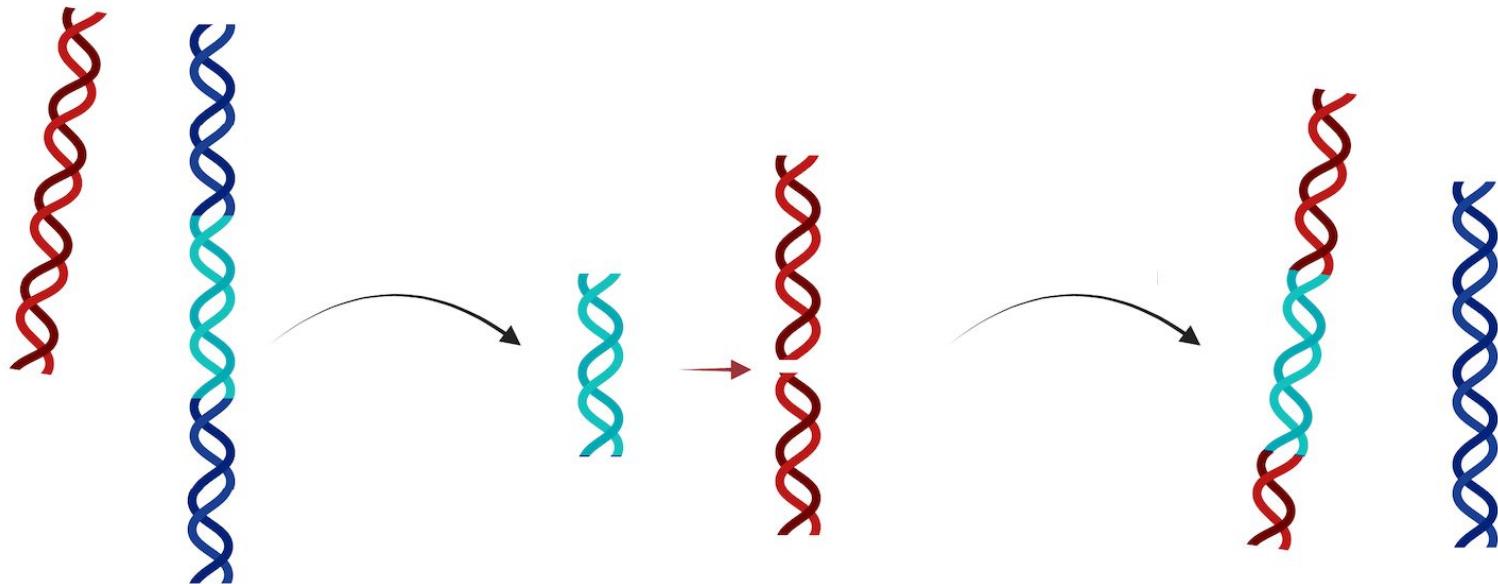
millora total



324% reducció

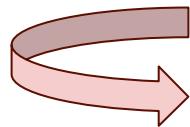
màxima

Algorismes genètics

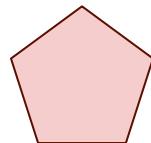




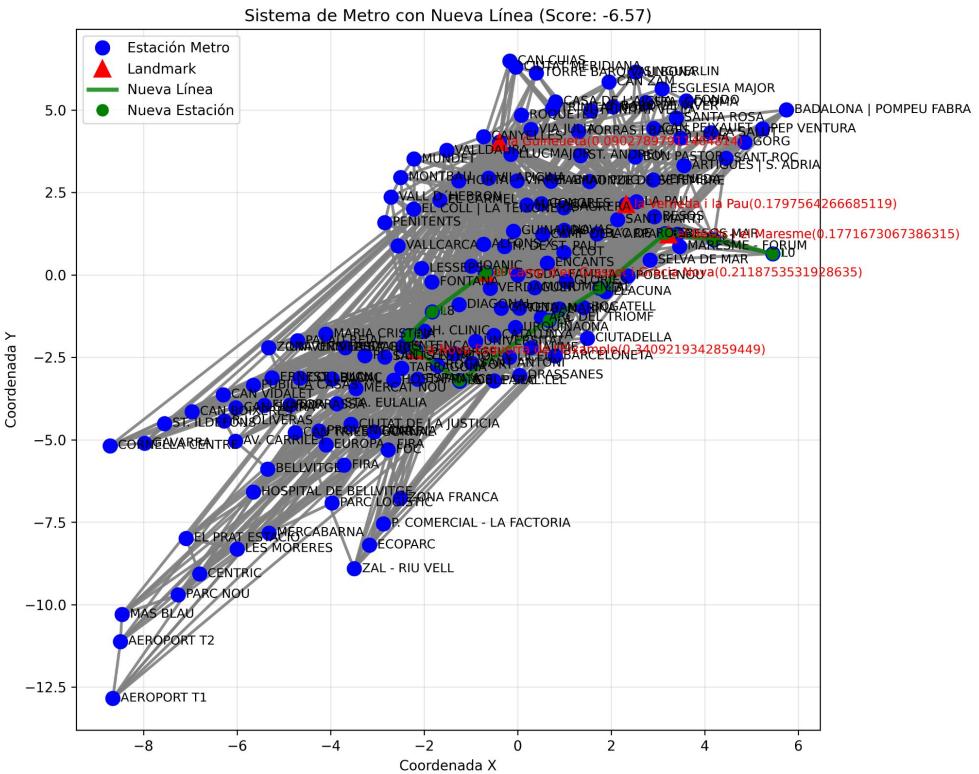
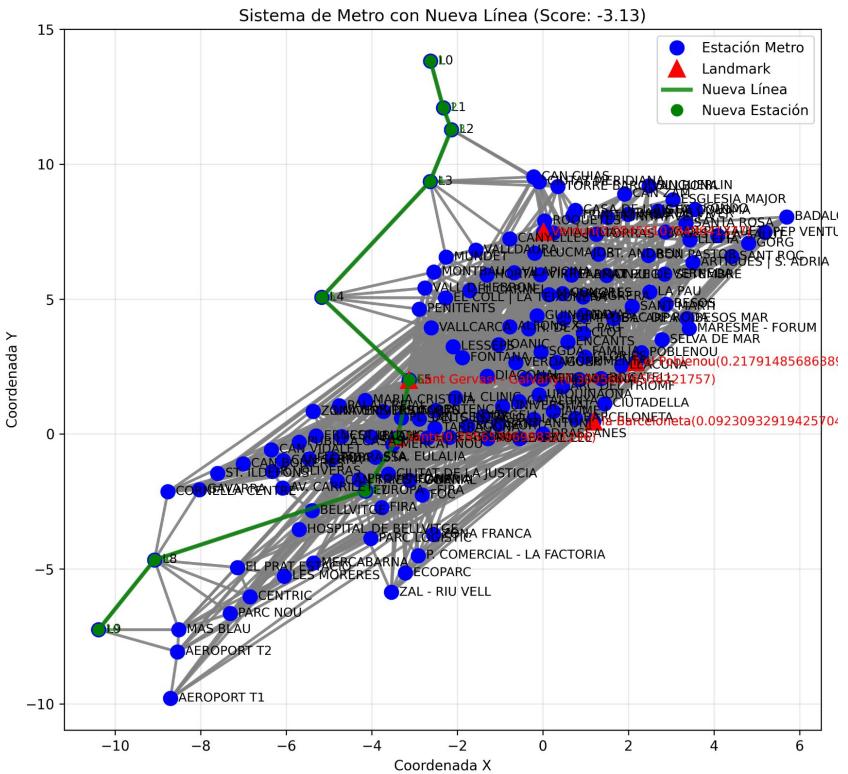
- Longitud



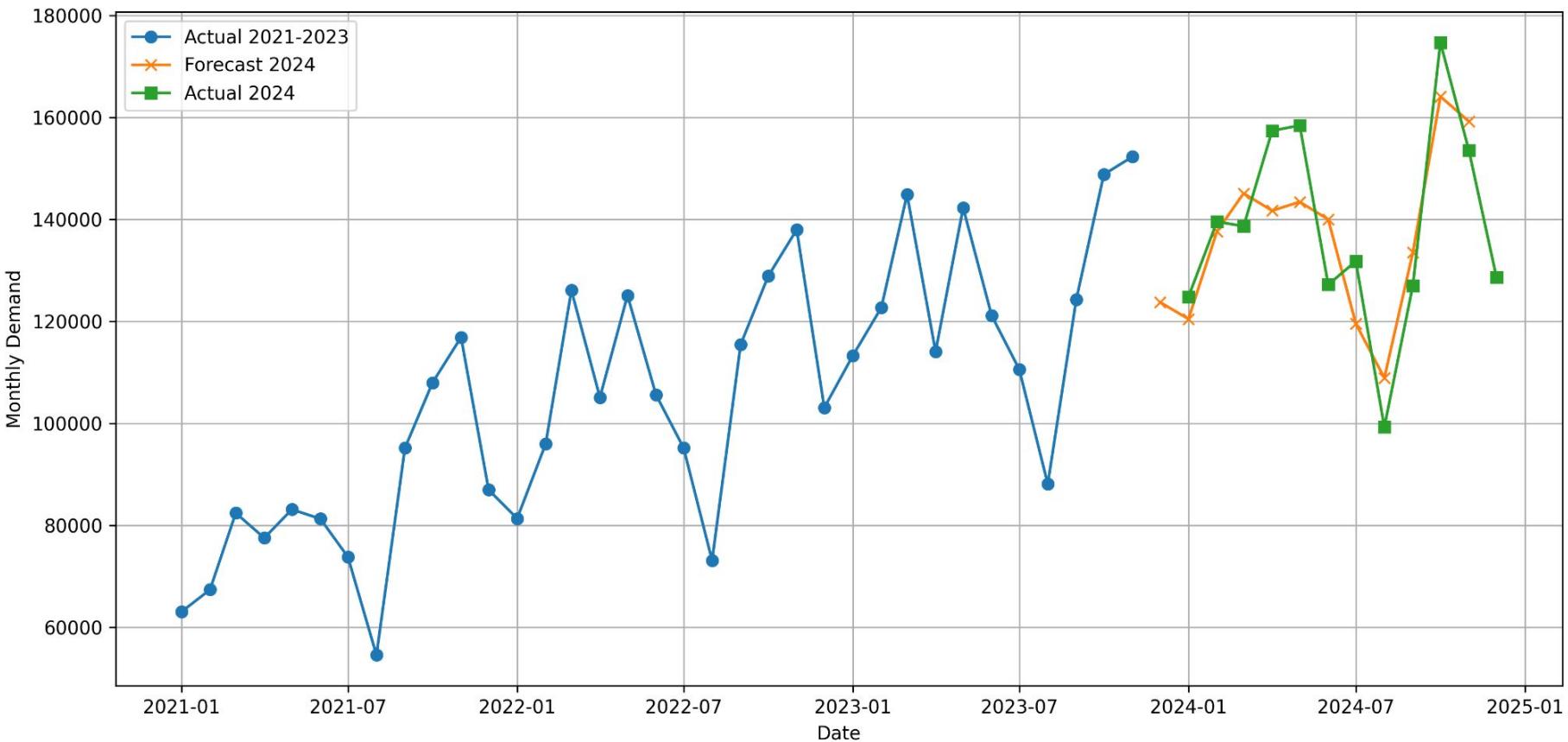
- Corba



- Homogeneität



Predictió Futura (BATS)



Xatbot



Assistant Virtual de Metro i Bus

Pregunta'm sobre estacions, línies, horaris i connexions de transport a Barcelona

Quina es la ruta més ràpida per a anar des d'Horta fins a Glòries?

La ruta més ràpida d'HORTA fins SAGRERA es: HORTA → VILAPICINA → VIRREI AMAT → MARAGALL → CONGRÉS → SAGRERA

Moltes gràcies

A tu!

Escríu la teva pregunta aquí...



Xatbot

NER → Aina™

**Gràcies per
escoltar**

