





Sharif Velásquez Investigator algorithms



**Andrés Parra** Articles review



Andrea Serna Literature review



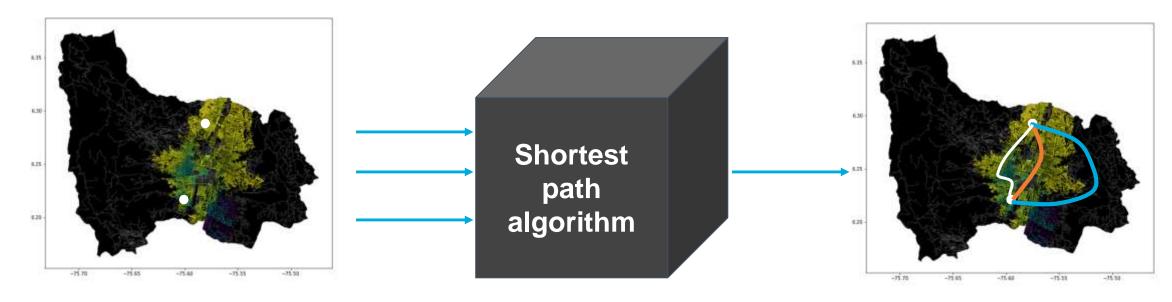
**Mauricio Toro**Data preparation





## **Problem Statement**





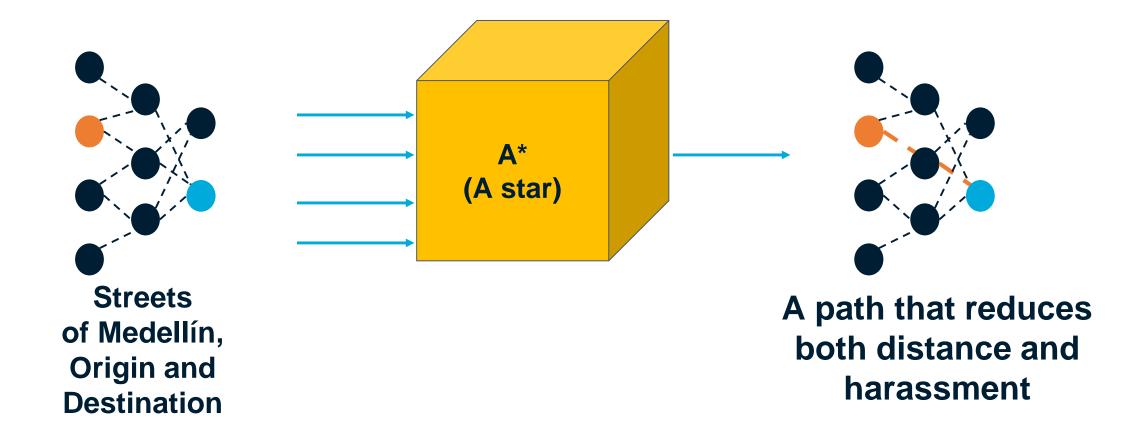
Streets of Medellín, Origin and Destination

Three paths that reduce both the risk of harassment and distance



## **Solution Algorithm**

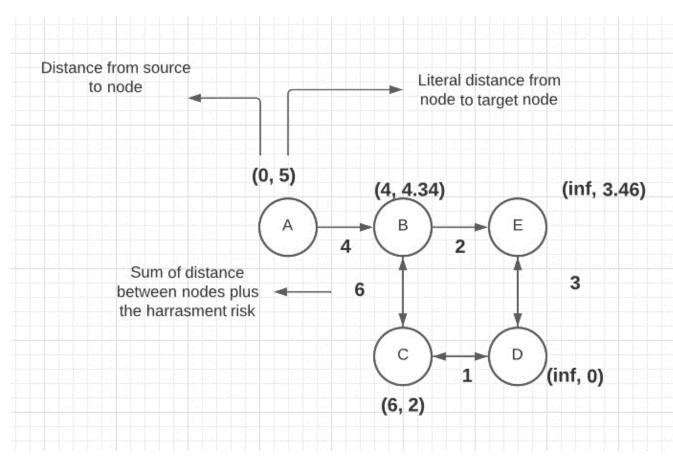






## **Explanation of the algorithm**







Name of the algorithm: A\*

A heuristic way to find best path

