Data sources for AI in traffic analysis



Source: <https://pixabay.com/photos/traffic-city-traffic-jam-cars-7859033/>

Review the list of data sources provided below.

* Choose data sources that you think are useful for AI algorithms to analyse real-time traffic data.
* Describe ways the AI could use each dataset.
* Explain how your AI system will work.

**Traffic cameras**: provide real-time visual information about traffic conditions, such as congestion, accidents, and road closures.

**Sensors embedded in roads**: can detect vehicle presence, speed, and traffic flow.

**GPS devices in vehicles**: provide location information for vehicles that can be used to track their movements.

**Historical traffic data**: provides long-term traffic data related to traffic flow and volume.

**Social media posts:** can provide real-time data about road accidents and traffic incidents.

**Weather information**: can provide latest weather conditions.