ITAI 2372

Alicia Gonzalez Cruz

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Prof. Anna Devarakonda

Smart Cities

They implement the use of technology in everyday life.

* Sustainability
* Open living
* They make technology accessible to the general public.

1. Smart traffic monitor

* They use the data to forecast traffic violations, and crimes.
* Predictive traffic analysis:
  + - Real time moni5oring: the use of data to give you an estimate on traffic time.
* Using generative AI systems.

Manual Adaptive Traffic signals

* Control traffic in the area- no one knows the reason only the city.
* Purposely helps slow-down cars
* They want to use AI systems to generate this type of information, without needing it to be manual.

1. Efficient Energy management

* They want AI systems to do smart grids.
* Energy efficient buildings- they want neighborhoods/ commercial buildings to install some type of energy efficient system.

1. Public safety

* Smart cities help avoid crime! Whenever there are important events going on: football games, presidential events, parties.
* They want to use AI system to reduced crime. Create and analyze data whenever needed to create a safer community. For example, surveillance camaras, police force, and 24/7 surveillance.

Predictive policing

* An AI system they want to build, in order to create a safer environment. They will base it on zip code, city, and ethnicity.

1. Waste Management

* Biggest problem is sorting. People don’t know how to sort or recycle properly.
* Smart Bins
* Recycle Tracking
  + - They want to track how people recycled! They want to use AI system to understand how many cans are coming into the state and how many people are recycling.