## 1 INTRODUCTION TO EDGE AI

- · Edge = local processing + In the cloud
- · It is readed where low latercy is regulated, or where network may not be available.
- · It is mainly used for real-time decision-making

## Applications of AI at the Edge

- 1) Notwork communications can be expensive and at times impossible I remote boostions ( natural disenters) edge reads no for little) intere network.
- Real-time processing is needed in many application, like self the drolling has
  - Edge application can be used for severther data (like health data) as they are not sent to the closed.

& Ethinization seftware can advene great efficiency of edge Ast models. Reasons for development at the Edge 1) Proliferation of devices 2) Head for low -latercy compute B Need for disconnected devices Structure of the Course 1 Leneraging Pre-trained Models 1 the Model 8 Himizer 3 the Inference Engline 1 Deploying on Idge App

