1. Games
   1. Snake
   2. Minesweeper - AI
   3. **Connect4 - AI**
2. Match prediction – prediction winning probability for each team at every competition
   1. **Which team is in the leading position?**
      1. Data of players
      2. Time between each change of players
      3. Past match results
   2. E-game winning prediction
3. **Image processing**
   1. **AI-based photo repairing**
   2. **Auto-examine if there is a UVA scenery spot in the photo**
   3. **Which scenery spot is this?**
4. **NLP - recognize emotion in essay (Medium - likeness)**
5. Route planning - travelling salesman
6. City planning – where to build subways?
7. **Generating harmonic melodies** 
   1. **Where to find the data?**

To-dos:

Find potential data sources

Existing researches + codes

Define Evaluation function