【图与搜索】（久远）

**ego-Facebook**

Application: https://snap.stanford.edu/data/ego-Facebook.html

Project idea:

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Search someone’s potential social relationships through each person’s

friends list in Facebook

**Amazon product co-purchasing network and ground-truth communities**

Application: https://snap.stanford.edu/data/com-Amazon.html

-

Search for all other products that may be purchased together when

buying a product

【分类算法】（刚做过，熟悉）

**Spambase**

Application: http://archive.ics.uci.edu/ml/datasets/Spambase

Project idea:

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Identify spam

-

Investigate the similarity of e-mails

【图像识别】（难）

**Object Recognition**

Download: https://www.kaggle.com/jessicali9530/caltech256

Project idea:

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Predict identify and recognize object

-

Investigate the similarity of objects

**Facial Expression Recognition**

Download: https://www.kaggle.com/c/challenges-in-representation

learning-facial-expression-recognition-challenge/data

Project idea:

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Predict the emotion of a person on a facial image

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Investigate the similarity of emotions