**Group 1: smart home environment (4’)**

1-5 (1 is lowest; 5 is highest)

Well organized or not:

Data process: 2 houses; process for quality data (e.g., missing value? Jitter?)

Good: unbalanced data via upsampling smoten

Algorithm:

Good: did 4 experiments and including LSTM.

Convert the sensor data ito a sentence translation task using the transfer model

Presentation clarity:

Good

Q:

1. missing value? Jitter?

2. how to do the activity recognition

e.g., how to design the features and feature extraction

answer: the features already exist in the file

3. how the convert? Transfer: [0,0, … 1…, 0, 0] => sentence translation

Q: [0, 0, 1…] is the column to say a sensor is triggered or not.

Improve:

Re-design the features or design the derived features to improve the accuracy.

**Group 2: Las Vegas Traffic Ingestion (4)**

1-5 (1 is lowest; 5 is highest)

Well organized or not: Yes

Data process: na process;

Algorithm: linear regression;

Visualization: intersections in las vegas to study the popularity of each intersection.

Conclusion: most popular are in the highways.

Presentation clarity:

Did both slides and poster

Q:

Visualization: maybe using heatmap?

Clustering based on the AADT (1 dimensional data?), then visualize it via the map?

Regression ML results: what are the labels? What are they trying to predict?

Discretize?

Predict the long and latitude: train is good; but bed test? Shuffle the data?

What are the input data?

**Group 3: Early warning system based on ML (healthcare 3’)**

1-5 (1 is lowest; 5 is highest)

Well organized or not: 3

Data process: 3

Algorithm: 3

Visualization:

Conclusion:

Q: where are the data from? 13652 patients from six hospital within brazil

P value: p < 0.05 significant: what’s the assumption?

Q: for feature correlation study? What are the methods?

Q: how to use CNN? MLP: perceptron? Time lag?

CNN for correlation analysis for time series? Why not other other correlation analysis? Why not do an experiment based on RNN?

Feature selections via neural network? But the features are hard to interpret, how to translate it to doctors?

**Group 4: Predicting Agricultural production and temperature change**

1-5 (1 is lowest; 5 is highest)

Well organized or not:

Data process: 5 remove columns and rows; imputing missing values

Algorithm: 4

Conclusion:

Q: prediction forcus on each label? How about trying predict the entire dataset together?

300 features? overfitting? What’s the sample size? Select features (PCA)? What are the dimension of selected features? 12000

Suggestions: using bullets instead of paragraphs in posters

**Group 5: analysis and classification of basketball draft from college to NBA (5)**

1-5 (1 is lowest; 5 is highest)

Well organized or not: 5

Data process: 5: missing value processing; categorical data into numerical data

Algorithm: 5: imbalanced dataset with smoth method

Conclusion:

Suggestions: make a poster?

Derived features? Which year’s data?

Feature selections? Their health status?