# Personal Biweekly Work Report

Name: Liu Yang

Time Period: 2025-05-26 to 2025-06-15

Project Name: Shanghai Livability Analysis Project

一、Work Completed in the Past Two Weeks

1. KAN Model Hyperparameter Tuning（1h）

Completed grid search and random search for KAN model hyperparameters.

Optimized model structural parameters, e.g., width, depth, activation function configuration.

1. Model Saving & Deployment Preparation（2h）

Implemented persistent model weight storage and unified data standardization scheme.

Stored key independent variable weight charts and text files.

1. Design Documentation Writing（2h）

二、Issues Encountered

1. KAN model exhibited unstable convergence during hyperparameter tuning, requiring repeated adjustments to the learning rate strategy.

2. Compatibility issues between model saving format and the existing service framework