

FFRM Python

This repository implements

Installation

1. Clone this repository:

```
python -m venv venv  
source venv/bin/activate    # On Windows: venv\Scripts\activate
```

2. Create a virtual environment (optional but recommended):

```
python -m venv venv  
source venv/bin/activate    # On Windows: venv\Scripts\activate  
pip install -r requirements.txt
```

3. Ensure a compatible solver (e.g., glpk, cbc, gurobi, or cplex) is installed.

Usage

Running the Model

1. Run the optimization model:

```
python solve_model.py --solver gurobi
```

2. The model will generate and export results (**CoalAnalysisResults_Scenarios.xlsx**) to the project directory.