

Standard Deployment Instructions: Azure Function App + GitHub Integration

STEP 1: Prep Your GitHub Repo

- Create a new repo on GitHub (e.g., rentai-forecast)
- Upload the contents of the folder:
 - forecast_function.py
 - rent_pressure.csv
 - requirements.txt
 - forecast_function/function.json

STEP 2: Create Azure Function App

1. Go to <https://portal.azure.com>
2. Create a new Function App:
 - Runtime Stack: Python
 - Version: 3.10 or higher
 - Operating System: Linux
 - Region: Match your resource group

STEP 3: Connect Azure to GitHub

- In the Function App, go to 'Deployment Center'
- Select GitHub -> your repo and branch
- Azure will auto-deploy on every push

STEP 4: Test the Function App

- Go to Functions > forecast_function
- Copy the Function URL (includes function key)

- POST an Excel file using Postman or the included HTML upload form

NOTES:

- POST parameter must be named 'file'
- Output is a downloadable .xlsx file with updated turnover probabilities