

AutoGrader Setup Instructions - Complete Workflow

Quick reference guide for setting up and using the AutoGrader system.

Quick Setup (5 Steps)

```
bash

# 1. Install dependencies
pip install pandas openpyxl matplotlib numpy reportlab pyinstaller

# 2. Generate assignments Excel file
python create_assignments_excel.py

# 3. Generate example submissions (optional, for testing)
python example_student_submissions.py

# 4. Embed resources
python encode_resources.py

# 5. Build executable
pyinstaller autograder.spec
```

File Structure

```
AutoGrader/
├── autograder.py          # Core AutoGrader class
├── autograder_gui.py      # GUI application
├── config.ini              # Email configuration (will be embedded)
├── assignments.xlsx        # Assignments (will be embedded)
└── encode_resources.py     # Script to embed files
```

```
|── embedded_resources.py      # Generated embedded files  
|── create_assignments_excel.py  # Generate Excel
```