## **GitHub Upload Checklist – AI Fairness, Explainability & Governance Projects**

### **✅ 1. Repository Setup**

* Create a GitHub repo named: SoulMindFusion-AI-Ethics-Portfolio
* Add a root README.md (already prepared)
* Optional: Add a LICENSE (e.g., MIT for open-source, or custom SoulMindFusion license)

### **📂 2. Folder Structure**

pgsql

CopyEdit

SoulMindFusion-AI-Ethics-Portfolio/

│

├── fairness/

│ ├── hiring\_bias\_detection/

│ │ ├── hiring\_bias\_analysis.ipynb

│ │ ├── README.md

│ │ └── Case Study - Gender Bias.docx

│ ├── loan\_bias\_detection/

│ ├── healthcare\_bias\_detection/

│

├── explainability/

│ ├── shap\_loan\_explainer/

│ ├── lime\_healthcare\_explainer/

│

├── governance/

│ ├── eu\_ai\_audit/

│ │ ├── Governance\_AI\_Audit\_Checklist.py

│ │ ├── README.md

│ │ ├── Case Study - EU Audit.docx

│ │ └── audit\_summary.json

│ ├── responsible\_ai\_policy/

│

├── matrix/

│ └── AI\_Ethics\_Project\_Matrix.xlsx

│

└── README.md (Root summary - already generated)

### **📝 3. What to Upload per Project**

For each project folder (e.g., hiring\_bias\_detection):

* .ipynb or .py file (the main code)
* README.md with summary
* .docx case study file
* Optional visuals (e.g., SHAP plots, charts)
* JSON files (for governance outputs)

### **📌 4. Commit Messages (Suggested Format)**

bash

CopyEdit

git commit -m "Add Hiring Bias Detection project - code, README, case study"

git commit -m "Add LIME Explainability project with healthcare model"

git commit -m "Upload EU AI Governance audit tool and policy summary"

### **🧠 5. Final Checks Before Publishing**

* Check file sizes (<100MB for GitHub free tier)
* Validate all code runs on Colab (or include instructions)
* Make repo public with clear description:

“A practical AI Ethics Portfolio focused on fairness, explainability, and governance aligned with EU AI Act – by SoulMindFusion Ethical AI Lab”