**How This Project Helps - 10 Key Benefits**

**1. Automated File Organization & Renaming**

* Converts test files from TC#01\_sample#deny.json to TC#01\_sample#RULEEMSD000002#v09#LR.json
* Applies consistent naming conventions across test suites
* Moves files into organized directory structures

**2. Healthcare Claims Processing Support**

* Supports **WGS\_CSBD** (Working Group Standards - Claims Submission Business Data)
* Supports **GBDF\_MCR** (Global Burden of Disease Foundation - Medical Claims Research)
* Handles 15+ test scenarios: COVID-19, revenue codes, lab panels, device procedures

**3. Postman Collection Generation**

* Generates Postman collections from JSON test files
* Creates API requests with headers, body, and endpoint configuration
* Ready for import into Postman

**4. Dynamic Model Discovery**

* Detects TS folders and extracts parameters
* Supports TS01–TS49 with flexible numbering
* Reduces manual configuration

**5. Batch Processing**

* Processes multiple models with --all
* Handles WGS\_CSBD and GBDF\_MCR models
* Provides progress tracking and summaries

**6. Multiple Entry Points**

* **Integrated**: main\_processor.py (file renaming + Postman generation)
* **Standalone**: postman\_cli.py (Postman operations only)
* **Flexible**: postman\_generator.py (collection generation)

**7. Suffix Mapping**

* Maps suffixes: deny → LR, bypass → NR, exclusion → EX
* Categorizes positive, negative, and exclusion cases
* Ensures consistent test case classification

**8. Error Handling & Validation**

* Validates file formats and directory structures
* Provides clear error messages and troubleshooting
* Includes safety checks for file operations

**9. Documentation & Architecture**

* Visual architecture diagrams
* README with examples and troubleshooting
* Modular design with clear separation of concerns

**10. API Testing Ready**

* Generates Postman collections with proper headers (Content-Type, meta-transid, meta-src-envrmt)
* Configurable base URLs and endpoints
* Supports validation workflows for healthcare APIs