



```
|   └─ config.py           # Reads config settings
|
└─ 📁 tests/                # Unit tests
|   └─ test_api.py        # API tests
|   └─ test_graph.py      # Graph processing tests (UPDATED for
Neo4j)
|
└─ 📁 docs/                 # Documentation
|   └─ system_architecture.md # System design & module breakdown
(UPDATED)
|   └─ api_reference.md    # API documentation (UPDATED)
|
└─ .gitignore             # Git ignored files
└─ README.md              # Project overview (UPDATED)
└─ docker-compose.yml     # Docker configuration (if needed)
└─ requirements.txt       # Python dependencies
```

```
# Clone the repository, set up a virtual environment, and install
dependencies:
```

```
git clone <repo-url>
```

```
cd decision-node-graphing-tool
```

```
python -m venv venv
```

```
source venv/bin/activate # Windows: venv\Scripts\activate
```

```
pip install -r requirements.txt
```

```
# To run Neo4j (ensure Neo4j is installed and running)
```

```
neo4j console
```

```
# Seed Neo4j with initial data
```

```
python database/seed.py
```

```
# To run the backend:  
python backend/app.py
```

```
# To run the frontend:  
python frontend/app.py
```