Prerequisites

- Azure subscription with Contributor access
- Microsoft Fabric workspace (F2+ capacity) with admin permissions
- VS Code, Azure Developer CLI (aka.ms/azd), Python 3.10+, Git

Quick Start

1. Clone the repository

```
git clone https://github.com/microsoft/agentic-applications-for-unified-data-foundation-solution-accelerator.git
cd agentic-applications-for-unified-data-foundation-solution-accelerator
```

2. Deploy Azure resources (~7 min)

```
azd auth login
azd up
```

Choose environment name and region (eastus2 or westus2 recommended)

3. Configure Fabric workspace

```
cp .env.example .env
```

Edit .env: Set FABRIC_WORKSPACE_ID from app.fabric.microsoft.com URL

4. Setup Python environment

```
cd scripts
python -m venv .venv
.venv\Scripts\activate   # or: source .venv/bin/activate
pip install uv && uv pip install -r requirements.txt
```

5. Build the solution (~5 min)

```
python 00_build_solution.py --from 02
```

6. Test the agent

```
python 08_test_foundry_agent.py
```

Try These Questions

Structured: "How many outages occurred last month?" | "What is the average resolution time?"
Unstructured: "What are the policies for notifying customers of outages?"
Combined: "Which outages exceeded the maximum duration defined in our policy?"

Customize for Your Industry

```
python 00_build_solution.py --clean --industry "Insurance" --usecase "Claims processing"
```

Industries: Telecommunications | Insurance | Finance | Retail | Manufacturing | Energy

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Tip: Use GitHub Copilot Chat (Ctrl+I) for help with errors

Repository: github.com/microsoft/agentic-applications-for-unified-data-foundation-solution-accelerator