# Data Quality Copilot – Charter Document (POC Phase)

1. Mission Statement  
To create a clean, educational AI agent prototype focused on data quality checks, designed to showcase fundamental multi-agent system design without unnecessary feature bloat.  
  
2. Objectives  
- Build an MVP-quality system to process CSV/Excel files.  
- Focus on agent orchestration and reasoning logic.  
- Ensure the system is well-documented and modular.  
  
3. Key Deliverables  
- Functional agent system with Planner, Executor, Critic agents.  
- Clean architecture blueprint.  
- Simple console-based reporting mechanism.  
- Technical guide for agent design rationale.  
  
4. High-Level Timeline (4 Weeks)  
| Week | Activity |  
|------|----------|  
| 1 | Finalize requirements and architecture blueprint |  
| 2 | Implement basic agent classes and simple pipeline |  
| 3 | Complete agent interactions and validation flows |  
| 4 | Perform testing, write documentation, and finalize POC delivery |  
  
5. Governance Approach  
- Weekly progress reviews focused on technical learning.  
- No formal stakeholder reporting—goal is internal capability development.  
  
6. Success Definition  
- Demonstrable agent system with end-to-end flow.  
- Clarity of agent behaviors and easy onboarding for future team members.  
- Clean technical artifacts ready for reference in future production phases.  
  
Reference Materials:  
- Open-source multi-agent architecture diagrams (see attached).  
- Sample README explaining agent reasoning patterns.  
- Simplified Data Quality Copilot architecture diagram (POC scope).