# Monthly PR & Impact Summary — April 2025

🚀 **Core Feature Work**

1. **CI Pipeline Configuration**
   * **Type:** New Feature
   * **Date:** 4 April 2025
   * **Summary:**
     1. Establishes a foundational continuous integration (CI) pipeline for automated builds and test execution. (unit\_test\_pipeline.yml)
   * **PR link:** [**Pull request 35599: Add Azure DevOps Pipeline for Unit Test Automation - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/35599)
2. **Unit Tests for Agent Orchestration**
   * **Type:** New Feature
   * **Date:** 4 April 2025
   * **Summary:**
     1. Expands unit test coverage for agent orchestration functions, enhancing confidence in runtime behaviour and reliability.
   * **PR link:** [**Pull request 35440: Added unit tests for agent orchestration functions - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/35440)
3. **Unit Test Coverage for Agents Core**
   * **Type:** New Feature
   * **Date:** 10 April 2025
   * **Summary:**
     1. Introduces unit test coverage for the agents core, ensuring core logic is validated and reducing the risk of regressions.
   * **PR link:** [**Pull request 36329: unit test coverage for agents core - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/36329)
4. **Unit Tests for Incident Endpoint and Request Journey**
   * **Type:** New Feature
   * **Date:** 10 April 2025
   * **Summary:**
     1. Expands unit test coverage for incident endpoint and request journey functions, ensuring correctness across multiple scenarios.
   * **PR link:** [**Pull request 36194: Add unit tests for incident endpoint and request journey functions - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/36194)
5. **Error Handling and Logging for Kusto and OpenAI Queries**
   * **Type:** New Feature
   * **Date:** 28 April 2025
   * **Summary:**
     1. Enhances observability and monitoring by logging exceptions with dedicated flags for Azure Monitor.
   * **PR link:** [**Pull request 38258: Add error handling and logging for Kusto and OpenAI query executions - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/38258)
6. **DRI Unit Test Pipeline Integration**
   * **Type:** New Feature
   * **Date:** 29 April 2025
   * **Summary:**
     1. Establishes a dedicated CI pipeline for running unit tests in the DRI project, ensuring automated verification of code changes.
   * **PR link:** [**Pull request 38488: DRI Pipeline Integration - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/38488)
7. **Unit Test for ICM Enrichment**
   * **Type:** New Feature
   * **Date:** 30 April 2025
   * **Summary:**
     1. Added unit tests to validate multiple scenarios including normal execution, error handling, and exception cases.
   * **PR link:** [**Pull request 38660: Rename get\_icm\_enrichment file and add unit tests for various scenarios - Repos**](https://dev.azure.com/project-argos/Sorento/_git/oairt-ai/pullrequest/38660)