



Agentic AI Proof of Concept for Conversational Agents on AgentCore

Three weeks to a working conversational agent on Amazon Bedrock AgentCore, with a clear path to production.



Test a real conversational agent on AgentCore against your actual interactions before committing to a full build.

Conversational agents need more than a good model. They need memory, tool access, identity controls, and the ability to act on what they understand. This POC builds a working conversational agent on Amazon Bedrock AgentCore so you can see how it handles your real interactions before committing to production.

- Focused scoping session to identify a conversation use case and define clear success criteria
- Agent design on Bedrock AgentCore covering Runtime, Memory, Gateway, and Identity
- Hands-on prototype build integrating Anthropic Claude, Bedrock Knowledge Bases, and your existing tools
- Structured testing in week three against real conversation flows and the success criteria from kickoff
- Written documentation of architecture decisions and the path to production

Timeline: Three weeks, start to finish.

Pricing: Scoped per engagement. Contact us.

Get Started Today

Contact us at sales@newmathdata.com to schedule an introduction.

Customer Commitment

- 6 to 10 hours of stakeholder time across three weeks
- Participation in kickoff, two working reviews, and final readout
- Access to relevant systems, knowledge sources, and conversation data
- Two to three subject matter experts available to evaluate outputs

Who Should Participate

- Engineering and technical leads
- Product or customer experience stakeholders
- Executive sponsor

Benefits

- Working conversational agent scoped to a real use case in your environment
- Documented evidence to support build-vs-wait decisions
- Clear AgentCore foundation a future build team can start from

Deliverables

- Functional conversational agent on Bedrock AgentCore demonstrating the target use case
- Architecture document covering AgentCore design decisions and trade-offs
- POC evaluation report against success criteria from kickoff
- Recommended path to production with effort estimates and key risks