



in28minutes

Getting Started with

Generative AI Solutions



Getting Started with AI Hypercomputer

Problem: Traditional data centers struggle with massive AI training workloads

- **Bottleneck:** Slow networking and limited compute power slow down training

Solution: AI Hypercomputer

- **Concept:** A supercomputing architecture optimized specifically for AI
- **Hardware:** Combines **TPUs** (Google's custom AI chips) and **GPUs** (NVIDIA) - Use GKE or GCE
- **Software:** Support for PyTorch, JAX, Keras, etc
- **Key Benefit:** Maximum performance and efficiency for training large Gen AI models



Data Center



Gemini Based Tools - Code & Cloud Assist

Problem: Developers waste huge time on boilerplate code and complex infra tasks

- **Solution:** AI-powered assistance integrated into your workflow

Gemini Code Assist: AI coding partner

- **Features:** Code generation, refactoring & bug fixing
- **Integration:** Lives in your IDE (VS Code, JetBrains)

Gemini Cloud Assist: AI operations expert

- **Lifecycle:** Helps with design, deployment, troubleshooting, and cost optimization





Getting Started with Dialogflow

Problem: Old chatbots felt "robotic" and failed to understand simple requests

- **Solution:** Dialogflow

Dialogflow Virtual Agents

- **Conversational:** Handles complex, multi-turn conversations
- **Visual Builder:** Design complex conversation flows (like ordering a pizza or checking a balance) with a drag-and-drop interface
- **Multi-Channel:** web, mobile, and phone systems
- **Goal:** Solve customer problems instantly without a human agent



Customer Engagement Suite with Google AI



Problem: Contact center agents are burnt out

- **Solution:** An AI-first Customer Engagement Suite

Core Components:

- **Conversational Agents:** AI handles the queries 24/7
- **Agent Assist:** AI "whispers" answers to human agents in real-time
- **Conversational Insights:** Analytics to understand customer sentiment and trends
- **CCaaS:** Complete Contact Center as a Service platform
 - Delivery all essential contact center functions (voice, chat, email, AI, analytics) over the internet





Getting Started with Gemini Enterprise

Problem: Generic AI doesn't know your company's data or specific workflows

- **Solution:** Enterprise-grade AI tools grounded in *your* data

Gemini Enterprise:

- **AI Agents:** Intelligent agents that don't just chat - they take action and automate multi-step workflows
- **NotebookLM:** An AI research assistant grounded in your specific documents
 - **Grounded:** Answers are based *only* on the sources you provide
- **Enterprise Grade:** Your data remains private and is **never** used to train public models

