



LLM BRAIN

External Progressive Memory
for AI Assistants

Set-up Guide

Created By



The Problem

Every AI assistant, whether it's Claude, ChatGPT, Gemini, or anything else, has the same fundamental limitation: it forgets everything between sessions.

It can skim previous conversations and scan project files, but what it's actually doing is reading fragments, piecing together partial context, and hoping it picks up enough to sound like it knows what's going on. The more complex your work, the more it misses.

If you're using AI as a daily business tool, that context gap costs you 1-2 hours every single session re-explaining what happened yesterday, what's due this week, who you're waiting on, and what decisions were already made.

The Maths

1-2 hours per day, 5 days a week, 52 weeks a year.



That's not a productivity tool. That's productivity tax.

The Solution

LLM Brain

LLM Brain is a structured database that sits between you and your AI assistant, storing everything it needs to know in a format it can parse completely and instantly.

Instead of skimming fragments of old conversations, your AI reads your entire operational state in structured JSON. Tasks, deadlines, contacts, ideas, session logs, even distilled knowledge from books and research. All loaded in 10 seconds flat.

What it stores:

- **Progress Tracker:** All active tasks with category, status, priority, and deadlines
- **Session Logs:** Summary of every working session so the next one picks up seamlessly
- **Contacts:** Key relationships with status, context, and next actions
- **Deadlines:** Every critical date with category and status tracking
- **Ideas & Plans:** Business ideas, product concepts, action plans that don't get lost
- **Knowledge Base:** Distilled frameworks from books, research, and strategy documents

How It Works

SupaBase

PostgreSQL
Database
Free tier

MCP Server

Node.js + Express
The bridge

Railway

Cloud Hosting
£5-10 pm

The Flow

1. **Supabase hosts 6 PostgreSQL** tables storing your tasks, contacts, deadlines, ideas, session logs, and knowledge base. Free tier is more than enough.
2. **The MCP Server (Model Context Protocol)** is a Node.js application that translates between your AI assistant and the database. It exposes 16 structured tools like `get_progress`, `add_task`, `log_session`, `search_knowledge`.
3. **Railway hosts the MCP** server on a public URL so your AI can reach it from anywhere. Under £5/month.

Your AI assistant connects to the MCP server. At the start of every session it calls `get_recent_sessions`, `get_progress`, `get_deadlines`, and `get_contacts`. Full

The Tech Stack

Component	Technology	Cost
Database	Supabase (PostgreSQL)	FREE
MCP Server	Node.js + TypeScript	FREE
Hosting	Railway	£5-10/Month
Total		Up to £10/Month

Set-up Steps (Overview)

This is the high-level process. The full technical specification (database schema, MCP server code, deployment config) is available as a separate document.

Step 1: Create Your Supabase Project

- Sign up at supabase.com (free tier)
- Create a new project
- Create 6 tables: `progress_tracker`, `session_logs`, `knowledge_base`, `ideas_and_plans`, `contacts_and_relationships`, `deadlines`

Step 2: Build the MCP Server

- Node.js + TypeScript application using the MCP SDK
- Express.js HTTP server with SSE transport for remote access
- 16 tools: `get_progress`, `add_task`, `update_task`, `log_session`, `search_knowledge`, `add_contact`, `get_deadlines`, and more

Step 3: Deploy to Railway

- Push code to GitHub
- Connect Railway to your GitHub repo
- Set environment variables (Supabase URL + service role key)
- Generate public URL, expose port 8080

Step 4: Connect to Your AI Assistant

- Add the Railway URL as a custom MCP integration in Claude.ai, Claude Desktop, or Claude Code
- Set up your session startup protocol (4 tool calls at the start of every chat)
- Populate the database with your tasks, contacts, deadlines, and knowledge

Step 5: Never Brief Your AI Again

Every new chat session, your AI loads the full operational state in 10 seconds. Every session end, it logs what was done. The database grows smarter with every interaction.

Not Technical?

Don't worry, we are!

Want this set-up and running today?

We offer a done-for-you setup for:

Just **£250** one off

OR as a **managed service for £85** per month per
business

We build the database, deploy the server, connect it to your Claude account, populate it with your tasks and contacts, and hand it over working.

Usually live same day.

Book a setup call: scopesite.co.uk/book

Or message us on LinkedIn and mention "AI Brain"

Get in touch with us on LinkedIn to see our exclusive launch discount on all above prices.



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