

AI ANALYTICS ASSISTANT V2

Implementation Guide

***Execute Tasks. Automate Reports. Analyze Data
with Voice & Text Instructions***

Part 1

Demo, Architecture & Process Tracing

- 00:02—Introduction and LLM Agent Capabilities
- 01:10—LLM Agent Demo: Updating Excel and Google Sheets
- 03:31—Generating Report and Deck Formats
- 05:12—Data SQL Analyst and Other Functionalities
- 08:06—Overview of Architecture and Flow
- 09:47—Tracing the Flow of the Agent
- 14:01—Details on Data SQL Analyst and General Analyst
- 17:50—Build Process and Implementation Overview
- 18:51—Breakdown of the Four-Part Guide

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Part 2

Update Excel, Google Sheets and Databases with AI / LLM Voice Agents

- 00:00—Overview and Introduction
- 03:55—Setting up Flowise and Learning Resources
- 05:10—Top Tips for Working with GPT
- 10:10—Building the Chat Flow in Flowise
- 11:30—Custom Tool for Function Calls in Flowise
- 17:15—Connecting Flowise to Make.com
- 20:10—Testing the Flow and Updating Google Sheets
- 22:54—Connecting and updating Google Sheets and Excel Sheets
- 29:10—Connecting Flowise to AWS RDS MySQL
- 35:00—Adding Voice Functionality to the Flowise Bot
- 38:00—Connecting Flowise to a React Frontend
- 41:00—Deploying the React Frontend Using [Vercel](#)
- 43:00—Conclusion and Next Steps

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Part 3:

Automate Excel to PDF, Excel to Slides, Emailing with AI Agents and Google Scripts

00:03—Introduction and Recap

00:36—Creating Automation Scripts in Google Script

07:38—Deploying Google Script and connecting to Make.com

10:38—Configuring Triggers and Filters in Make.com

14:26—Demonstrating the Functioning Web App and Chatbot

17:29—Connecting React Frontend to Flowise

21:10—Deploy and Go Live with Vercel

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Part 4

Build AI App with Natural Language with Claude Dev and Cursor AI

- 00:04—Introduction to Part Four and Custom Frontend
- 00:36—Deploying the Voicebot on a Website and Repository Setup
- 01:36—Overview of Voicebot Components: Voice to Text, Chat Completion, Text to Speech
- 04:18—Building the Demo App with Claude Dev and Cursor AI
- 15:26—Deploying the Voicebot App Live on Vercel
- 16:38—Connecting GitHub Repository to Vercel for Deployment
- 17:12—Final Testing of Live Voicebot App
- 19:03—Demonstrating Multilingual Support in Voicebot
- 20:21—Differentiating Between Transcription and Translation in API Usage
- 21:22—Overview of API Endpoints for Speech and Text Processing
- 21:49—Routing Text to LLM Agent for Response Generation
- 23:58—Finalizing API Integrations for Voicebot Functionality
- 25:48—Conclusion and Next Steps for Voicebot Enhancement

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Part 5

***Create AI Agents that Query Databases,
Search Web & Take Action***

00:04—Introduction and Overview

00:32—Analyst Team and LLM Agents

04:16—Configuring Perplexity Search Tool

15:09—Implementing Session IDs in React

16:08—Demonstrating Session Memory

18:07—Integrating Data SQL and Document PDF Analysts

23:50—Pushing to GitHub and Deploying to [Vercel](#)

25:42—Conclusion

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Video guide

Hands-on implementation guide. Step-by-step.

Complete Playlist at :

<https://www.youtube.com/watch?v=Efn2hdLOPiU&list=PL4CpDSkww6gAuwuA-0CxJguDUnleDbn50>



5. How to create AI Agents in Flowise that query databases, do...

49 views • 5 days ago



4. How to develop an LLM App in React.js with Claude Dev and Curs...

152 views • 7 days ago



3. How To Automate Excel, PDF, Slides, Email with Flowise,...

69 views • 9 days ago



2. How to Update Excel, Google Sheets, and Databases with LLM...

140 views • 12 days ago



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Source code, JSONs and blueprints on GitHub:
<https://github.com/amararun/vtexer-shared>

The repo, deployed ASIS to Vercel / Netlify etc will give you a fully functional voice-bot (with restricted app features). You can then setup up features as shown in the guide and implement enhancements as required.

ANALYZER App: Analytics Assistant LLM App

AWS & Azure MySQL Example . Guide on Medium.

Free access:

https://medium.com/@amarharolika/build-an-analytics-assistant-app-flowise-ai-text-to-sql-fastapi-01d8378243b4?source=friends_link&sk=48b9edc66f16ea2fe40be044deb0ed8f

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Top Flowise AI Resource:

Leon Van Zyl's videos are a must-watch—from simple chatbots to complex agentic flows.

And now on n8n also. That's like combining Flowise and Make.com into one platform

[Leon van Zyl—YouTube](#)

Top Make.com Resource:

Nick Sarev's channel has brilliant video tutorials on Make.com

[Nick Saraev—YouTube](#)

AI Assisted Coding: Must Read

A very practical view about how best to use AI Assisted coding, it's limitations and how to manage those. With lots of practical suggestions.

[Software Engineers and IT Leaders are Dead Wrong about AI \(youtube.com\)](#)

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Try Demo App (with restricted features)

vtexer-shared.tigzig.com

Use demo OpenAI API key at: tigzig.com/ap
(password: genai123)

The demo app is just the UI that 'talks,' as the workers have been detached.