

# connecting n8n with AI agent

- Create a new node and select AI Agent
  - under chatmode select the generative AI agent that you want to connect to execute this specific step
    - some AI that N8N supports includes chatgpt, deepseek, gemini, claud, and perplexity
      - Gemini:
        - designed to understand and operate across various information types like text, code, images, audio, and video
        - It's best suited for tasks requiring the most current information, such as planning a trip based on live flight data, or complex multimodal tasks like analyzing a video of a physics experiment and explaining the concepts involved.
        - This is because it is connected with google, so it contains real-life updates on the information
        - Time sensitive tasks
      - Claude
        - massive context window
        - skilled at tasks involving very long documents.
        - summarizing a novel, analyzing a lengthy legal contract for key clauses, or maintaining coherent, nuanced conversations over extended interactions where recalling details from the beginning is crucial.
      - Chatgpt
        - pioneering status, broad training data, and exceptional conversational and creative abilities
        - massive user base
        - brainstorming, creative writing (like composing poems or scripts), generating human-like dialogue
        - drafting emails to explaining complex topics simply
      - Deepseek
        - strong emphasis on coding and mathematics
        - domain-specific expertise
        - profound understanding of programming logic and mathematical reasoning. DeepSeek is the superior choice for tasks like writing

complex algorithms from scratch, debugging existing code, translating code between different programming languages, and solving advanced mathematical or logic problems that require rigorous, step-by-step deduction

- Perplexity
  - transparency and accuracy through citation
  - Perplexity actively scours the web in real-time and provides concise, summarized answers with inline footnotes that link directly to the source articles, images, and videos
  - ideal tool for research, fact-checking, and learning. It excels at tasks where source verification is critical, such as academic research, creating annotated bibliographies, getting up-to-speed on a news topic with verifiable sources, or any situation where you need to trust the information and know exactly where it came from.
- Specific process of linking the AI with n8n
  - create a new node
  - select AI Agent
  - Under chatmodel, select the AI agent that you want to execute this specific step
  - Go on the website of the LLM and search for API
    - usually just search up "chat API " for example, which will direct you to a page where you need to connect to an account with enough access (usually premium access) to a certain type of model you want to connect it to
    - generate API
  - Copy API to the "credential to connect with" in the LLM model
    - there is a sign indicating "creating new credential"
    - paste API under the "API"
  - Selecting the model you are trying to connect it with