SEO Keyword Research AI Agent - Development Plan

Objective

Build an AI Agent for SEO Keyword Research to Automate the process of keyword research by manually ,this tool accepts a seed keyword and returns 50 keyword suggestions with high monthly search volume and low competition, helps to rank on Google's first page.

Input & Output

Input : seed keyword (e.g., "Global internship")
Output : A list of 50 keyword suggestions, with search volume also competition score.

Tools Used

N8N: Automation workflow builder (no-code)
DataForSEO : API Provider for keyword suggestions with search volume and competition data.
Google Drive : Stores the generated keywords reports
Google sheet : Used as a database to save and organize the keyword data

Reasoning Behind This Plan

I developed this automation using N8N for no coding the process and DataforSEO for api to ensure access to accurate, real-time keyword data for high-quality SEO suggestions.Filtering for high-volume, low-competition keywords for getting better Google rankings.

Key Features of the Agent

1.Built entirely using **N8N** for visual, no-code workflow automation
2.Integrates with **DataForSEO API** to fetch real-time keyword suggestions with volume
   and competition
3. Saves results to **Google Sheets** for easy access and sharing
4.Can export keyword reports to **Google Drive** or email for distribution.

Outcome

As a result this AI Agent gives you A list of 50 keyword suggestions, with search volume and competition score by just entering a seed keyword ,Also used DataForSEO API for getting real data.