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The New Exploration Tool: GenAI That Builds the Solutions You've Always Wanted

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Large language models have moved from novelty to a near necessity, offering geoscientists the ability to turn their creative ideas into working code, analytical workflows, and custom tools. This session demystifies what GenAI actually is, sophisticated pattern matching rather than a search engine, along three practical methods: Retrieval-Augmented Generation (RAG), prompting and context, and code generation. You'll leave the conversation with clearer insights into how these tools work, where they excel, where they fail, and experiments you can try immediately. Geoscientists are inherently creative problem-solvers with deep insights into their data and GenAI coding tools finally give you the means to build what you need, test your hypotheses faster, and understand your data better, all while maintaining scientific rigor and ethical practices.

Biography
Nate Suurmeyer is a geoscientist with a passion for finding new ways of working for over 19 years in unconventionals, deep water exploration, and digitalization. He's been with ThinkOnwards since its beginning and is eager to see how different brains can solve some of our Industry's biggest needs.