



## Google Deepmind's engineering process resonates with Vex IQ experience

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Our fascination with Google DeepMind extends beyond their groundbreaking AI technologies. It's their meticulous engineering process, particularly its emphasis on iterative testing and adaptation, that truly resonates with our Vex IQ experience.

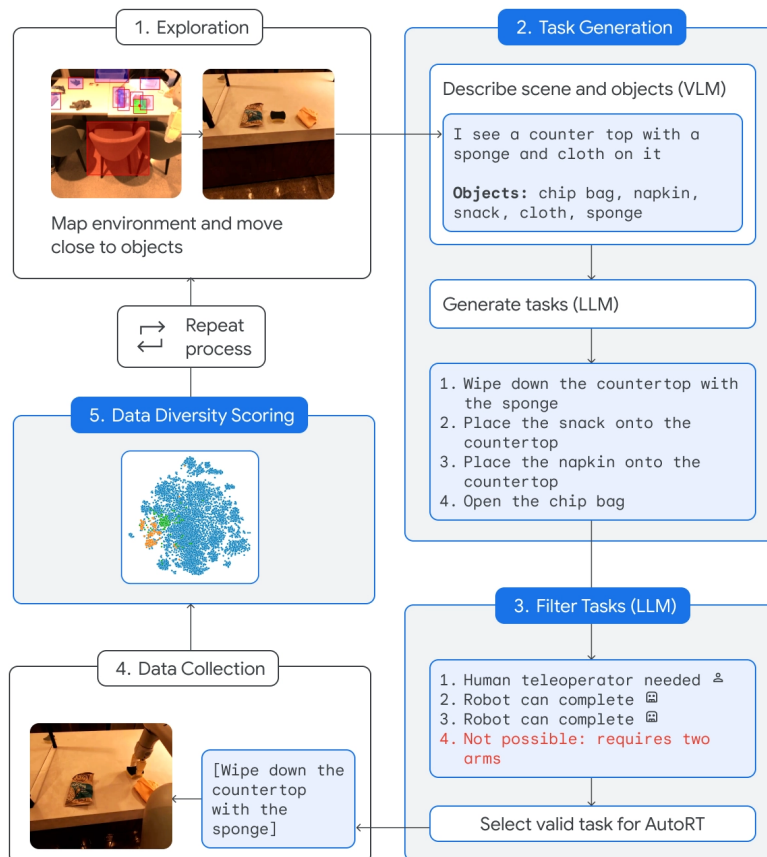
In Vex IQ, we face the constant challenge of adjusting strategies on the fly, like adapting our scoring approach based on our alliance in different matches. Imagine an AI teammate that, upon analyzing the field, instantly calculates the optimal route to maximize points, factoring in alliance positions and

block availability. This would empower us to make split-second decisions, revolutionizing the way we compete.

In Google DeepMind, these grown-up scientists, use a super cool process to build robots and stuff. It's like a giant level-up game, where they brainstorm ideas, test them out, and keep making them better!

First, they're like masterminds, figuring out what they want to build and how to win. They scribble down ideas, pick the best ones, and gather all the tools they need. Then, it's build time! They put their brains together to design the perfect robot, like a super powered toy car.

Next comes the fun part: testing! They run their robot through obstacle courses, zap it with lasers (just kidding!), and see how it handles different situations. If it stumbles, they tweak and tune it until it's a champion.



Finally, it's time to unleash the beast! They use their robot in real-world competitions, battling other teams and racking up points. But even then, they keep learning. They watch how other robots work, analyze their own data, and make their creation even stronger.

Hey, guess what? That's kinda like what we do in Vex IQ, right? We analyze the game manual, brainstorm robot ideas, and test different models until we find the ultimate machine. We fine-tune it on our practice field, then head to tournaments and battle it out with different alliances.



The coolest part? This engineering process we learn in Vex IQ isn't just for robots. It's like a secret weapon for any STEM career! We can use it to build anything, from the next-gen spaceship to the ultimate pizza-delivery drone.

And it's not just about the tech, dude. We also level up our communication skills. We have to work with different teams, explain our robot's awesomeness to the judges, and maybe even make some new friends along the way. Those skills are like superpowers for any career, trust me!

So, next time you're building a robot, remember, you're not just playing around. You're training like a pro, just like the brainiacs at Google DeepMind! Keep brainstorming, keep testing, and keep leveling up your skills. Who knows, you might just build the next game-changing robot that takes the world by storm!

We used following resources to learn about google deepmind's engineering process:

- DeepMind Blog: <https://deepmind.google/discover/blog/>
- DeepMind Research Papers: <https://deepmind.google/>
- DeepMind YouTube Channel:  
[https://www.youtube.com/@google\\_deepmind](https://www.youtube.com/@google_deepmind)
- Bard <https://bard.google.com/chat> ,to perfect our writing