YASİN EFE BAŞER — (SORUNSUZ)

I want to start with a question: Is there anyone here who doesn't use AI or thinks they don't benefit from it? Let me see your hands. / Oh I can see a few hands… or maybe none? That's Interesting, Alright. / Now, you might say it would be easier to ask, 'Who is using AI?' But these days, the answer is pretty obvious. / The truth is, every time you scroll through social media, search for something on Google, or let Netflix suggest what to watch next you're using—or at least contributing to—Artificial Intelligence. / We often think of AI as something futuristic, something far away. / But what if I told you it's already shaping your daily life in ways you don't even notice? / Whether it's the videos you watch, the posts you scroll through, or even the ads you see—AI is silently guiding your choices. / Now, here's the real question: are we using AI, or is AI using us? / Think about it—how much of your screen time is driven by AI-powered suggestions? / But don't get me wrong—I'm not here to make you fear AI. / I'm here to show you how it works so that instead of being unconsciously influenced by AI, you can start using it to your advantage. / Because when you understand AI, you take back control. / Let's make this clearer with a little story. / Imagine a guy named Mikey. Mikey is not a tech enthusiast—just an ordinary office worker at a company he's not particularly passionate about. / But here's the thing… AI is still deeply involved in his daily routine, whether he realizes it or not. / Mikey's morning starts with him barely opening his eyes, grabbing his phone, and instinctively staring at the screen. / No need for passwords—his phone recognizes his sleepy face and unlocks automatically. / He doesn't think much about it; it just works. On the way to work, he scrolls through social media, entertained by posts and videos that seem oddly perfect for his interests. / Coincidence? Maybe not. / At work, he checks his emails. Luckily, the spam folder catches all the nonsense, so he doesn't waste time on sketchy "You've won a million dollars!" messages. / Needing some quick info for a report, he types a vague phrase into Google, and within seconds, the exact document he needs appears at the top. / He doesn't know how the search engine figured it out, but he's glad it did. / During lunch, Mikey browses online stores, and somehow, the ads always seem to know what he's been looking for. / He swears he only thought about buying new shoes, but now they're all over his screen. / A little creepy? Maybe. But also kind of convenient. / Later, he casually asks his voice assistant to set a reminder for a meeting—because, let's be honest, without it, he'd probably forget. / On his way home, he realizes he needs to check something with his bank, so he opens the chat on their app. / The responses are quick, polite, and straight to the point. "Finally, some good customer service," he thinks—only to realize later that he wasn't even talking to a real person. / Mikey doesn't call himself a tech guy. He doesn't follow AI news or care about the latest advancements. / But whether he likes it or not, AI is part of his life—shaping what he sees, what he clicks, and even what he remembers. / And the truth is... we're all Mikey in one way or another. / Let's put Mikey aside for a moment. Today, Artificial Intelligence isn't just a tool—it's a driving force in nearly every field. / And no, it's not just about fun filters on Snapchat, mind-blowing AI-generated images, or viral deepfake videos. / It's making a real impact in ways we never imagined. / Take healthcare, for example. AI isn't just assisting doctors—it's helping save lives. / In breast cancer detection alone, AI has outperformed human radiologists by reducing false positives—wrongly diagnosing healthy patients—by 5.7% in the US and 1.2% in the UK. / That's not just efficiency; that's real people spared from unnecessary anxiety and treatment. / In finance, AI predicts market trends and detects fraud faster than any human could. / In education, it personalizes learning, adapting to each student's pace. / It's optimizing supply chains in manufacturing, making transportation smarter, and even assisting NASA in space exploration—analyzing cosmic data, navigating distant planets, and even helping design missions more efficiently. / And yet, these are just a few examples. AI is far bigger than what we see or hear about daily. / Its influence extends beyond convenience—it's changing the way we work, innovate, and even understand the universe itself. /

Alright, but how does artificial intelligence actually do all this? How does it know exactly what we're looking for? The answer is simple: because of you. / Every time we browse the internet, we leave behind digital footprints—photos, texts, searches, preferences, even the way we interact with content. / Beyond that, the internet is overflowing with human knowledge—articles, research papers, blogs—all pieces of information that AI can process. / And once all this data is collected and structured, machines are ready to learn. / They say data is more valuable than money today—and in the world of AI, that couldn't be more true. / The more data a system has, the smarter it becomes. That's why companies invest billions just to collect, organize, and analyze information. Because in the end, data fuels intelligence. / And once all this data is collected and structured, machines are ready to learn. / And yes, I said learn—and I meant it. This process is called machine learning, and it's the backbone of artificial intelligence. / In fact, machine learning is the biggest and most important field in AI, allowing machines to recognize patterns, make predictions, and improve over time—just like humans do. / Let's take an example to make this easier to understand. Imagine we have a bunch of apples in front of us. / You instantly recognize them as apples, right? But a machine doesn't. It has no built-in knowledge—so we have to teach it. / How do we define an apple? First, we can describe its color—red, green, or yellow. Then, we look at its shape—round, somewhat like a globe. / Finally, we might notice a small stem on top, sometimes with a tiny leaf. / That's how we, as humans, classify apples without even thinking. / But what about machines? How do they learn what an apple is? / Instead of understanding like we do, machines rely on patterns in data. We feed them thousands of labeled images—some showing apples, others showing different fruits or objects. / Over time, the system starts to recognize the key characteristics that make an apple an apple. It learns that a round, red fruit with a stem is likely an apple, / while an orange, even though it's similar in shape, belongs to a different category. / This is called supervised learning, where AI learns by example. / The more examples it sees, the better it gets at making accurate predictions. / And the best part? The same method can be applied to almost anything—not just apples, but faces, handwriting, numeric data, even detecting theft in security footage. / But supervised learning isn't the only way AI learns. / There's also unsupervised learning, where the machine isn't given labeled data—it just finds patterns on its own. / Think of it like sorting a basket of mixed fruits without knowing their names. / The AI groups similar ones together based on shape, color, or texture, even if it doesn't know what they're called. / This is often used for things like customer segmentation and recommendation systems. / Then there's reinforcement learning, where AI learns through trial and error—just like how we learn from experience. / It tries different actions, gets rewards for good choices, and penalties for bad ones. / This method is behind AI mastering chess, training robots, or even helping self-driving cars navigate safely. / Each learning method has its own strengths, and together, they power the AI systems shaping our world today. / But AI isn't just shaping technology—it's shaping the future, and that future belongs to those who are willing to learn, adapt, and share. / We don't need to be AI engineers, but we should all understand how it works because history has shown one truth: / those who embrace innovation move forward, while those who resist it get left behind. / In this vast and ever-evolving universe, as a small civilization, it's our responsibility to learn, teach, and work for the betterment of humanity. / Let's ensure we're not just keeping up, but leading the way. / Thank you!