Competing With Digital: Tech, Analytics, and Business Models



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The Roadmap

Digital Forces of Change

Digital Transformation

Software As A Key Asset

Data-driven Decision-making

Digital Economics

Digital Platforms

Leading Digital Transformation

Leadership In The Digital Age



https://berthub.eu/articles/posts/reverse-engineering-source-code-of-thebiontech-pfizer-vaccine/

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It's A Software-Driven World



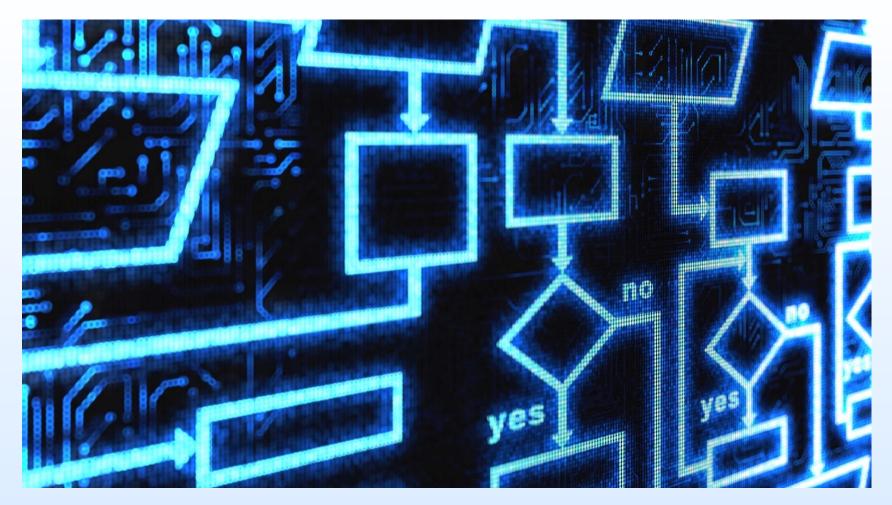
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Intangibles (Knowhow) Are The New Capital

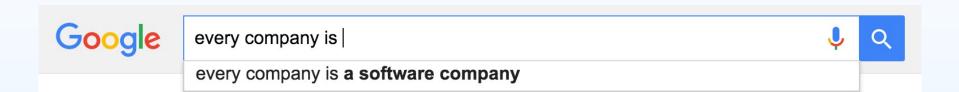


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Scaling Innovation: Codifying Knowhow Into Software



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Software Is The New Core Competence

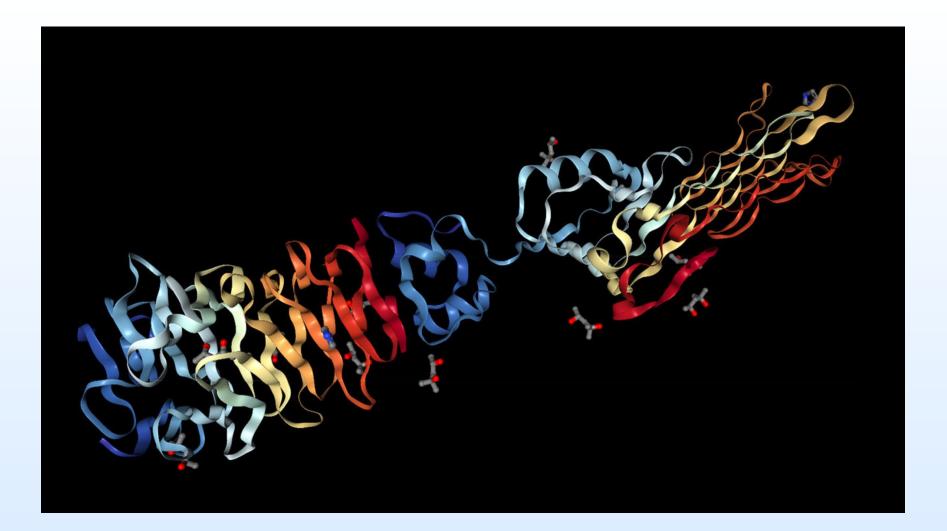


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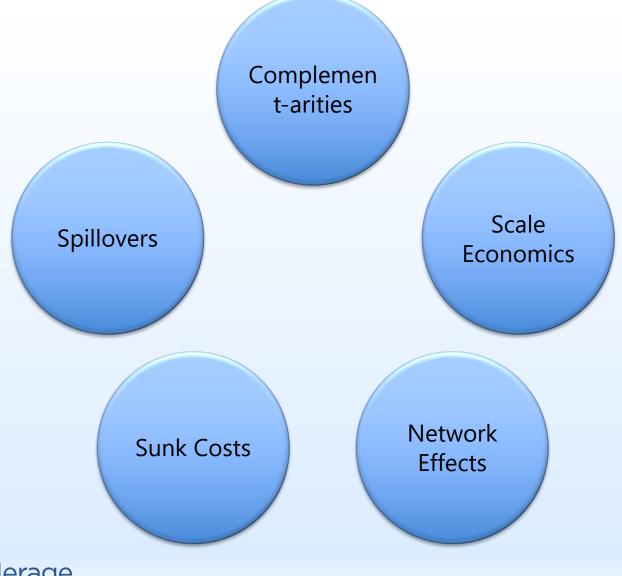
Traditional Software Codifies What You Know



And Machine Learning Lets You Know Even More



Digital Economics



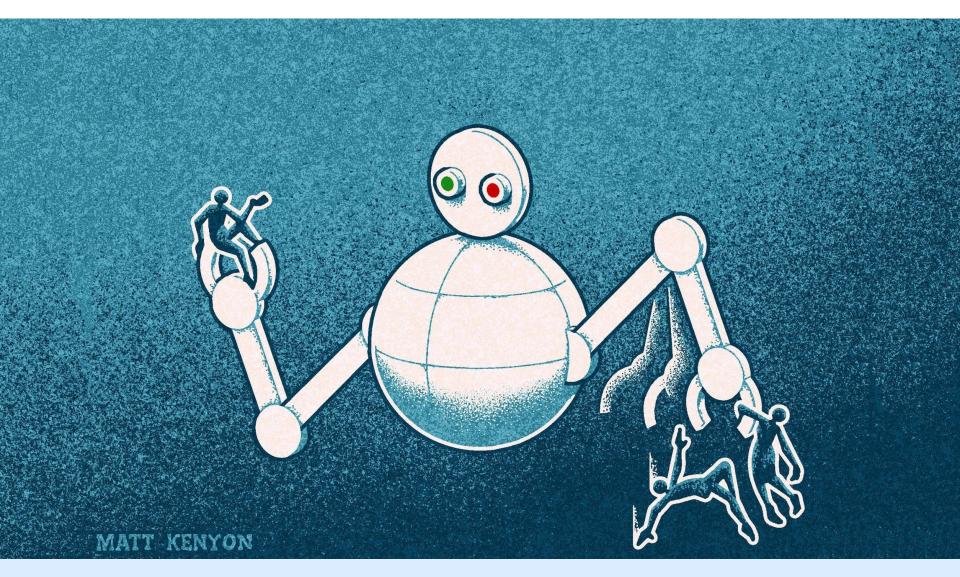
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New Economics Means New Rules Of Competition



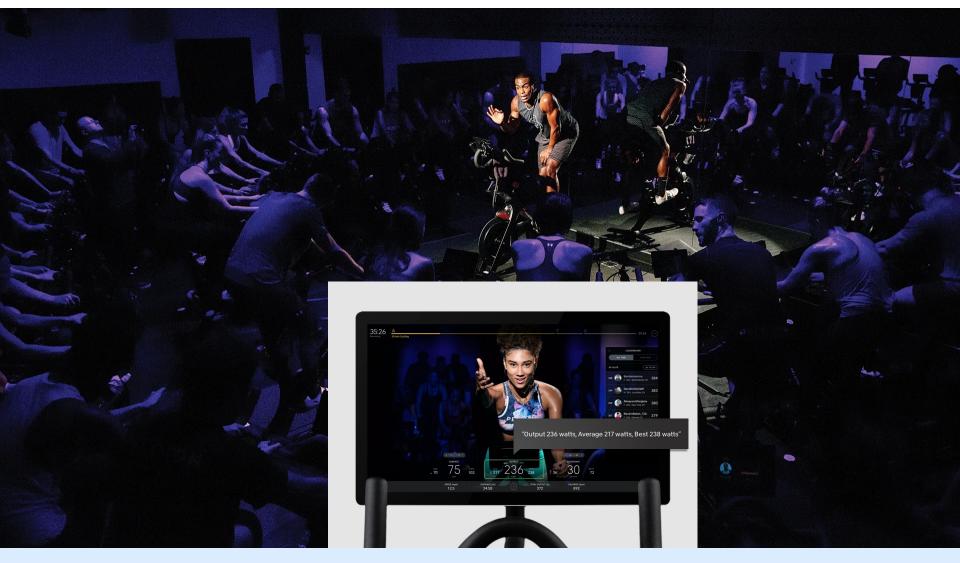
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How Do You Win In A Digital World?



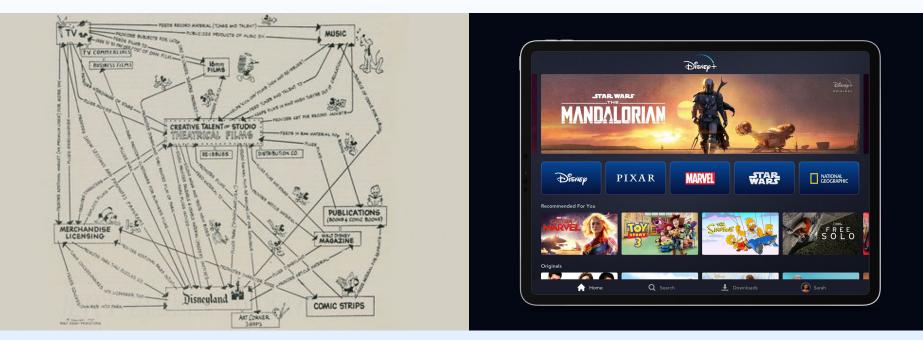
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Reimagining Your Offerings



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(Re)Configure Your Asset Stack



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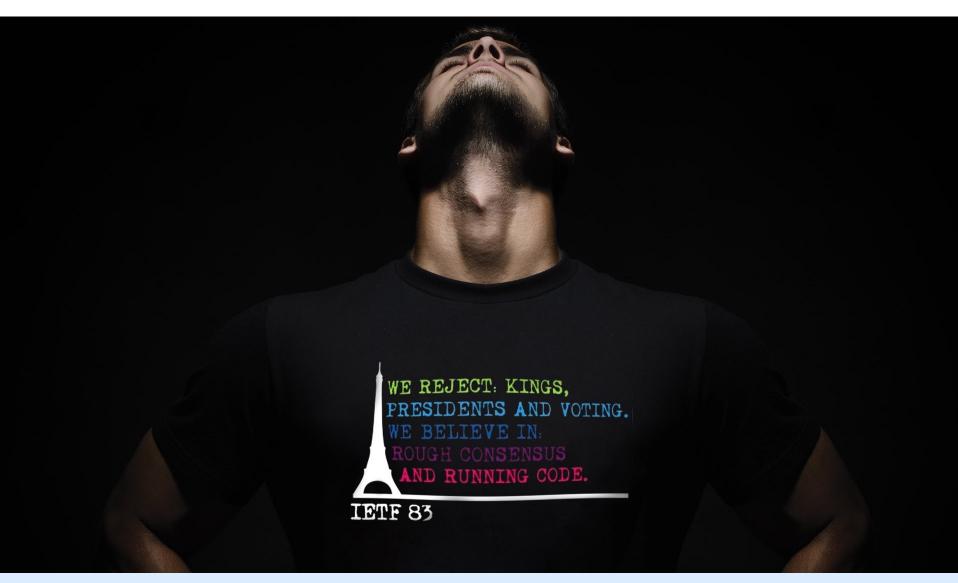
Acquire Software Capabilities (Talent)

Bosch Center for Artificial Intelligence

Achieving a leading position for Bosch in AI by attracting top talent, conducting differentiating research, and applying AI for the transformation of Bosch towards an AI-driven IoT company.

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Transform The Culture



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But Digital Transformation Is Really Hard



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The Rules Of The Game Have Shifted

The digital revolution, despite its potential, also carries serious risks for privacy, security, jobs, and democracy – challenges that are compounded by the rising monopoly power of a few American and chinese data giants, including Facebook and Google.

- Joseph Stiglitz, Nobel Laureate, Economics

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Technology generates as many new problems as new solutions.

Most of the problems we will have in the future are going to be caused by the technologies that look like solutions to us today.

Kevin Kelly | The Inevitable | Founding Editor, WIRED

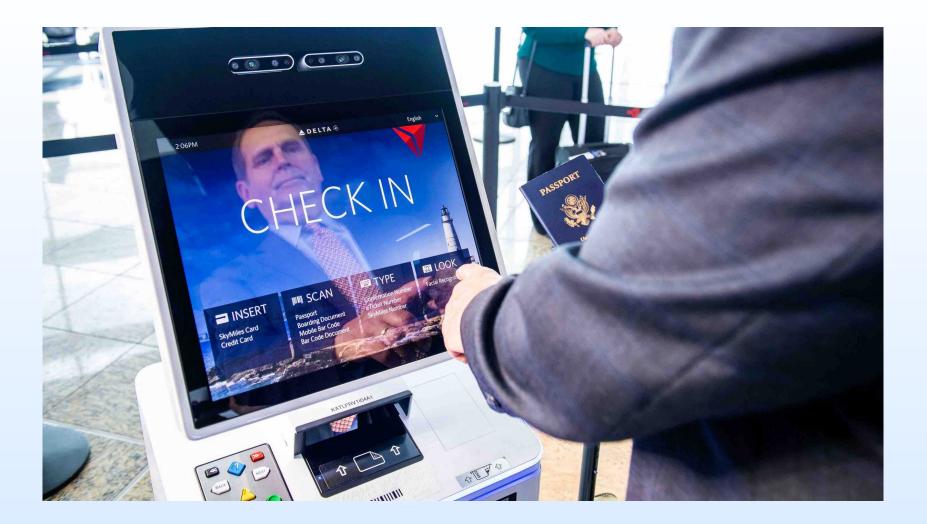
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Does Code Come Between You And Your Machine?



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You Like This...



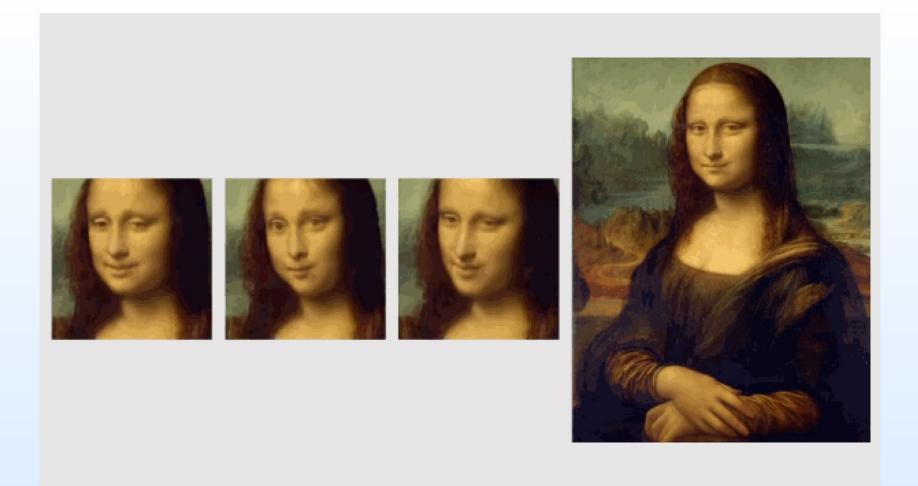
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But Do You Like This?



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Deep Learning Gave Us Deepfakes



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What Is Fairness In A Software-Driven World?



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Cybersecurity Makes Me

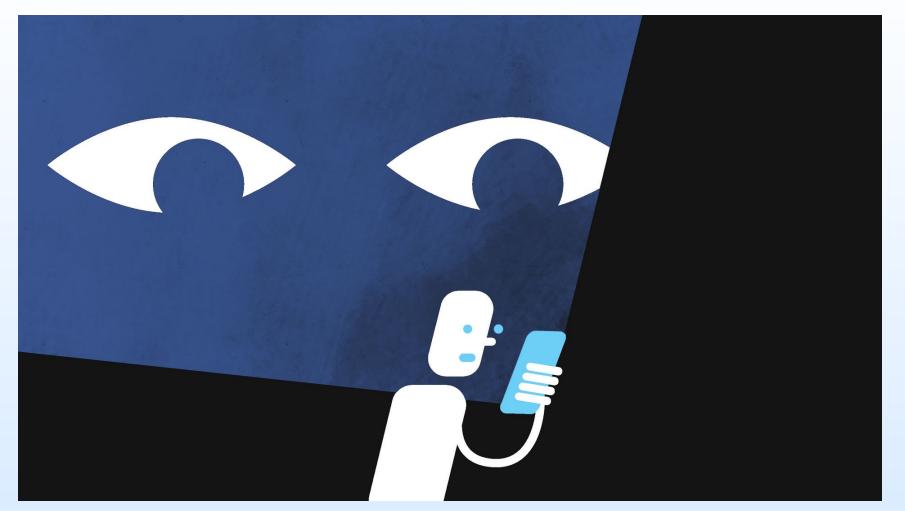
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Do We Want A Society On Autopilot?



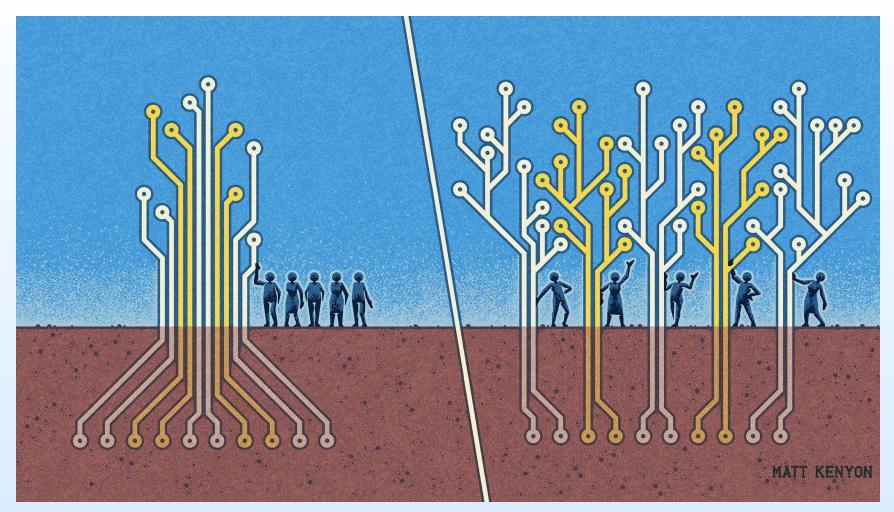
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Let's Rethink The System Design



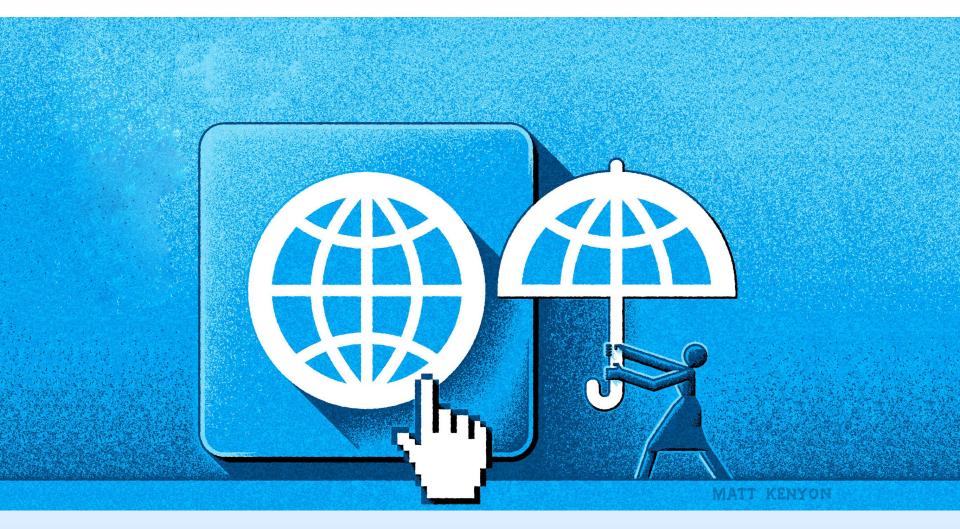
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It Doesn't Have To Be Winner Take All



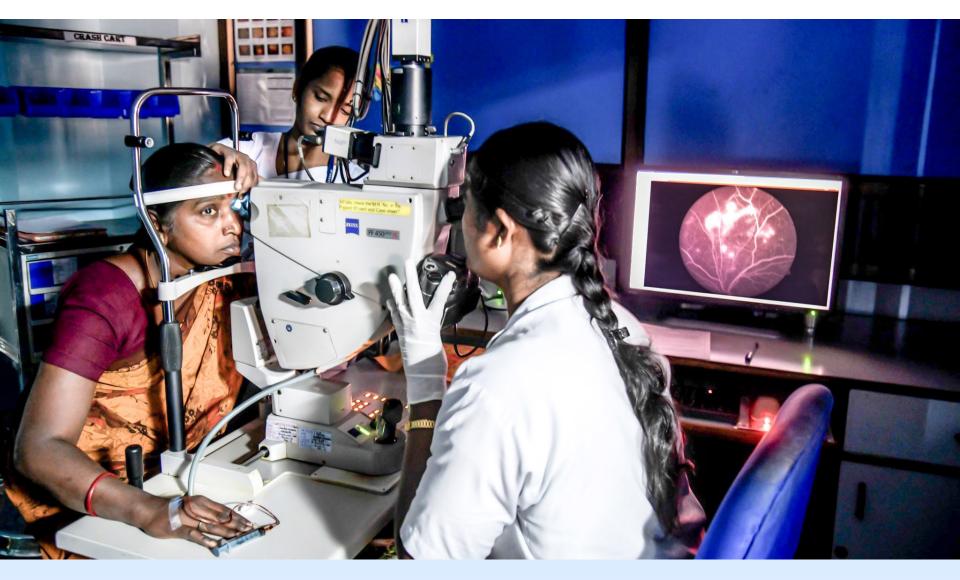
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We Need A New Governance Framework For The Digital World



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Put People First



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Thank You