Internet of Things Dashboard Design

Design Team

Matt Mahr

Catherine Babikian

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Iceberg IoT Team

John Dahlberg
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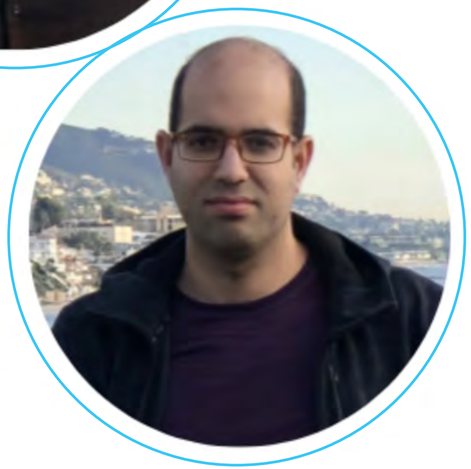


Iceberg IoT Team

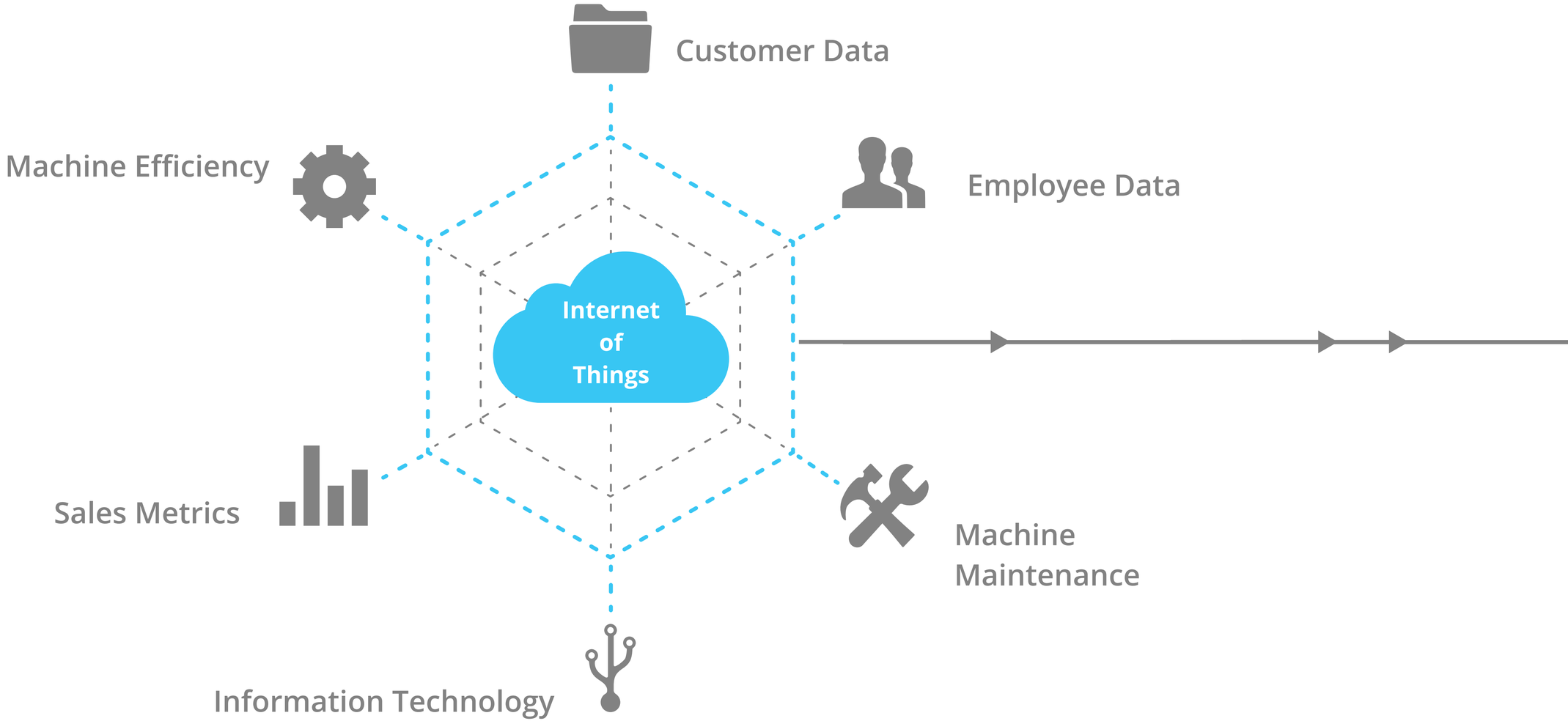
Fourth Industrial Revolution

The Fourth Industrial Revolution is the ongoing automation of traditional manufacturing and industrial practices, using modern smart technology.

-Wikipedia

What is IoT?

The Internet of Things (IoT) describes the network of physical objects—“things”—that are embedded with sensors, software, and other technologies for the purpose of connecting and exchanging data with other devices and systems over the internet.



What is Iceberg IoT?

Collect and load telemetry data into the Iceberg system.

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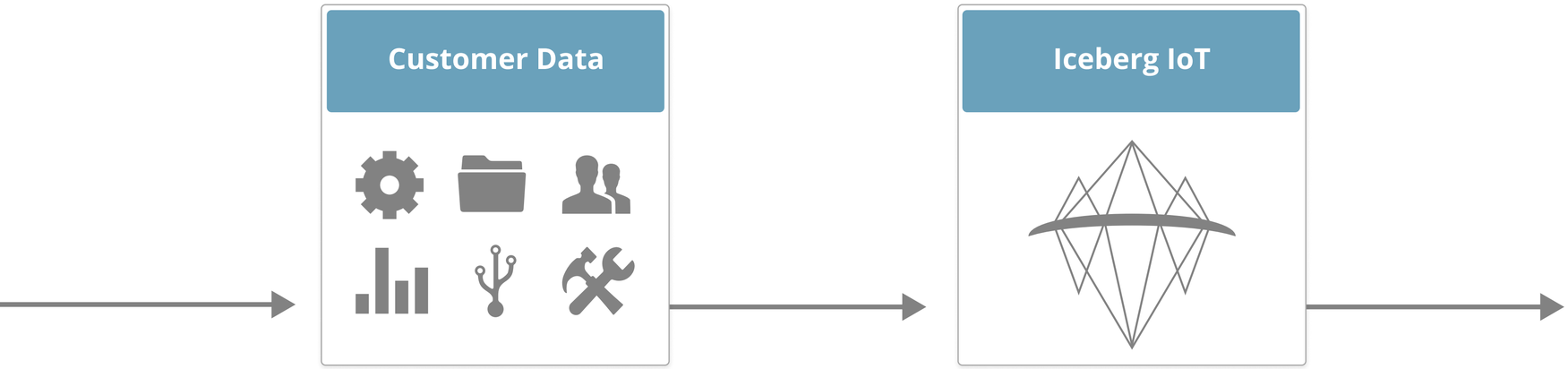
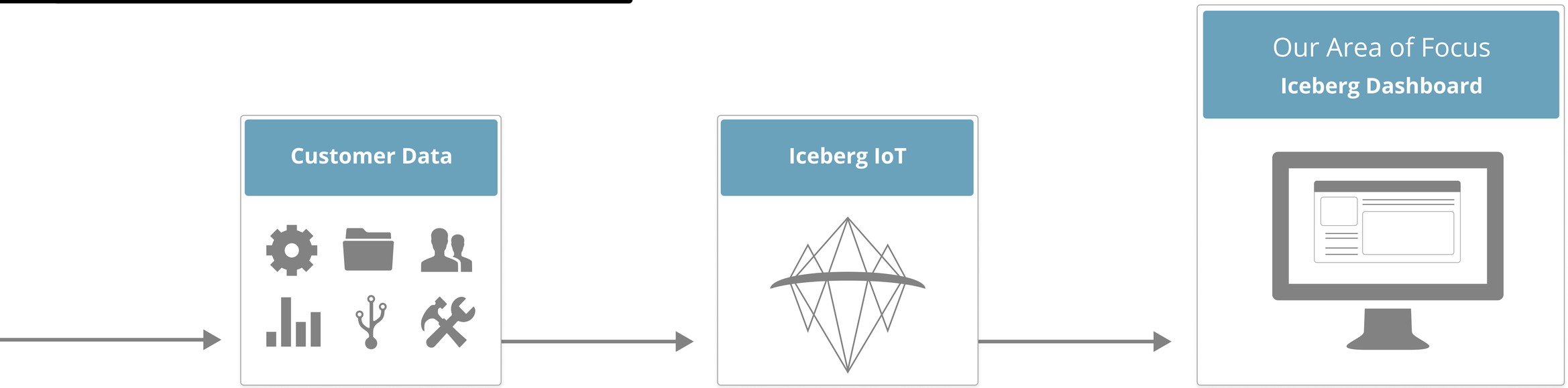


Collect and load telemetry data into the Iceberg system.

Run data through machine learning algorithms to drive business insights.

What is Iceberg IoT?



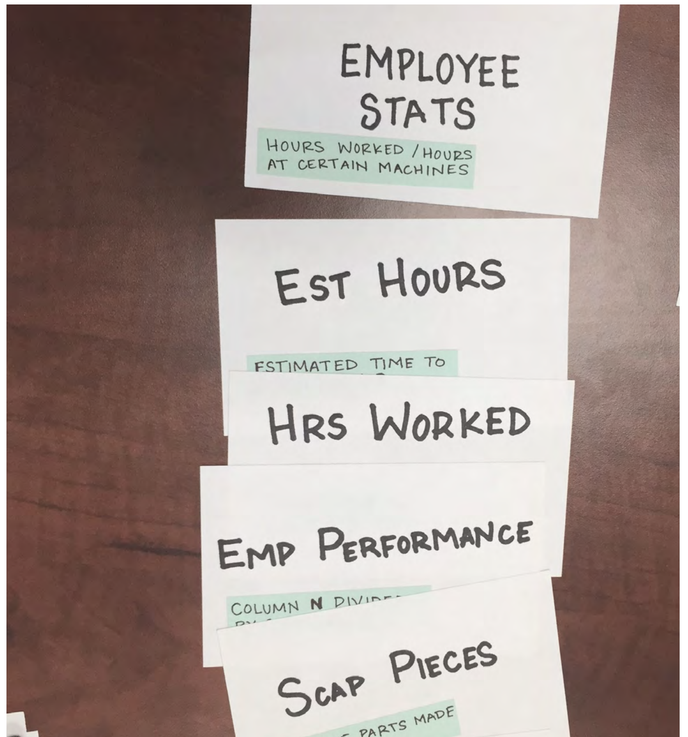
Collect and load telemetry data into the Iceberg system.

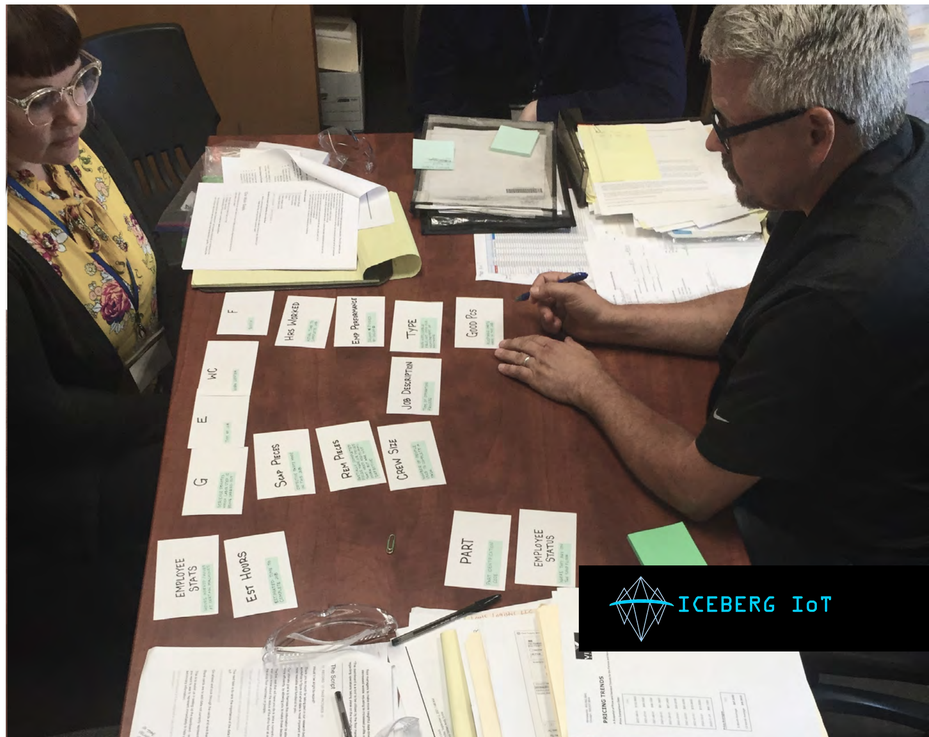
Run data through machine learning algorithms to drive business insights.

Data visualization displayed on an interactive dashboard for customer use.

Managers Have Questions

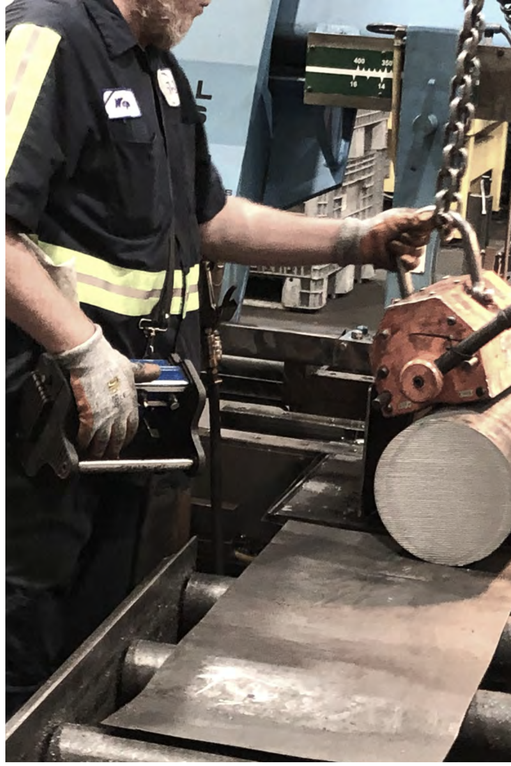
Project Overview

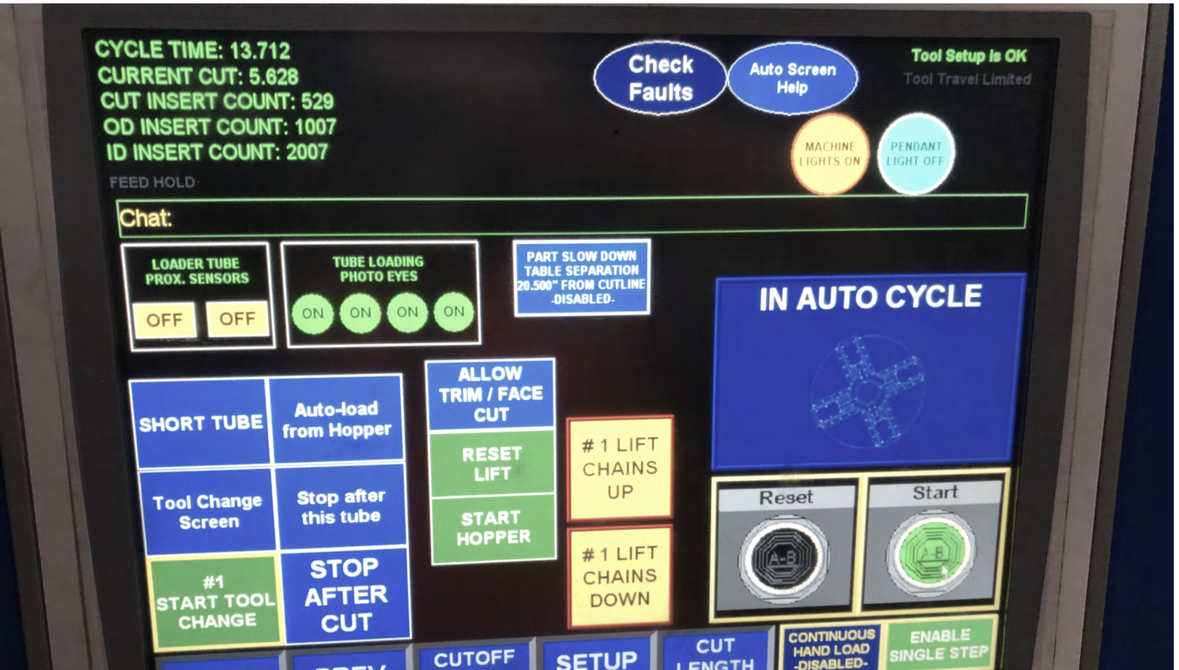


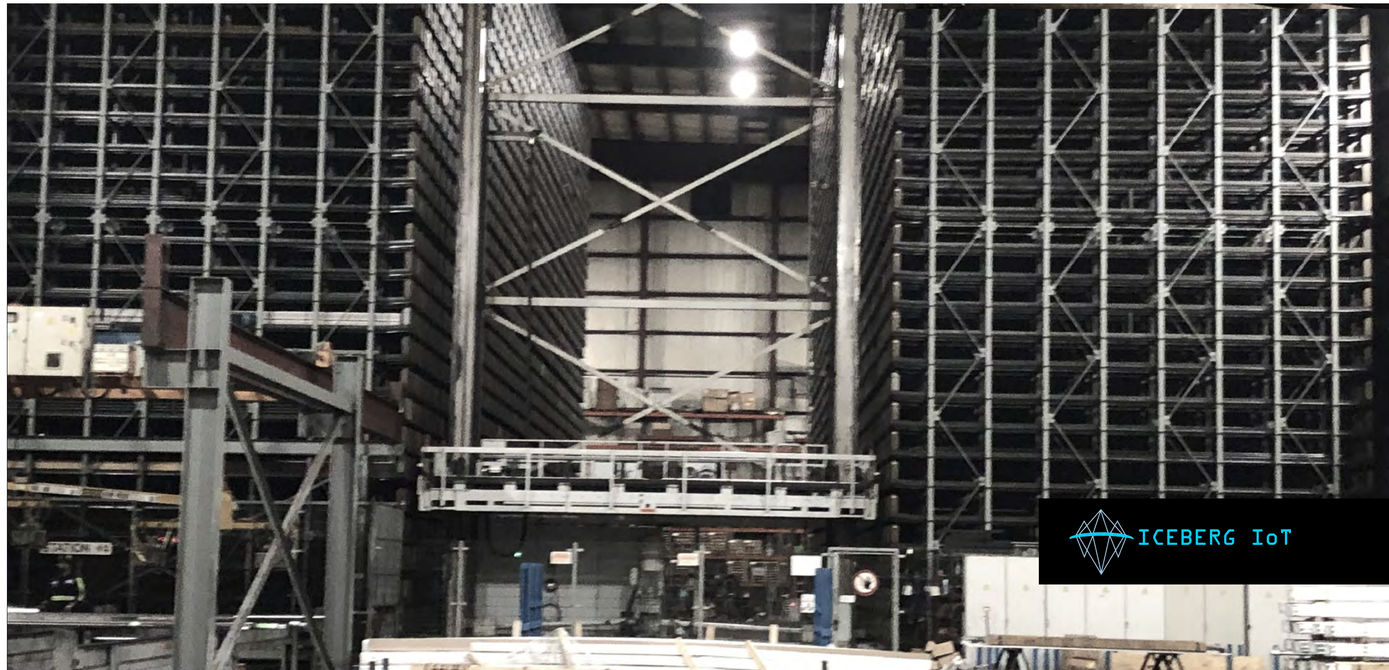


Operation and Tasks

Current Environment

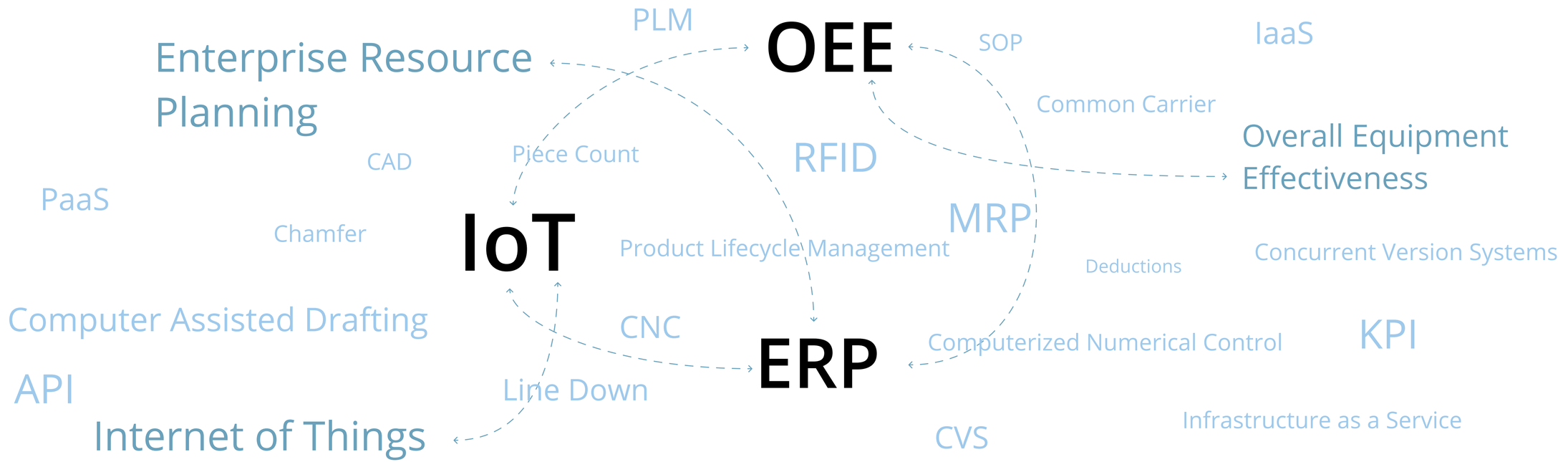






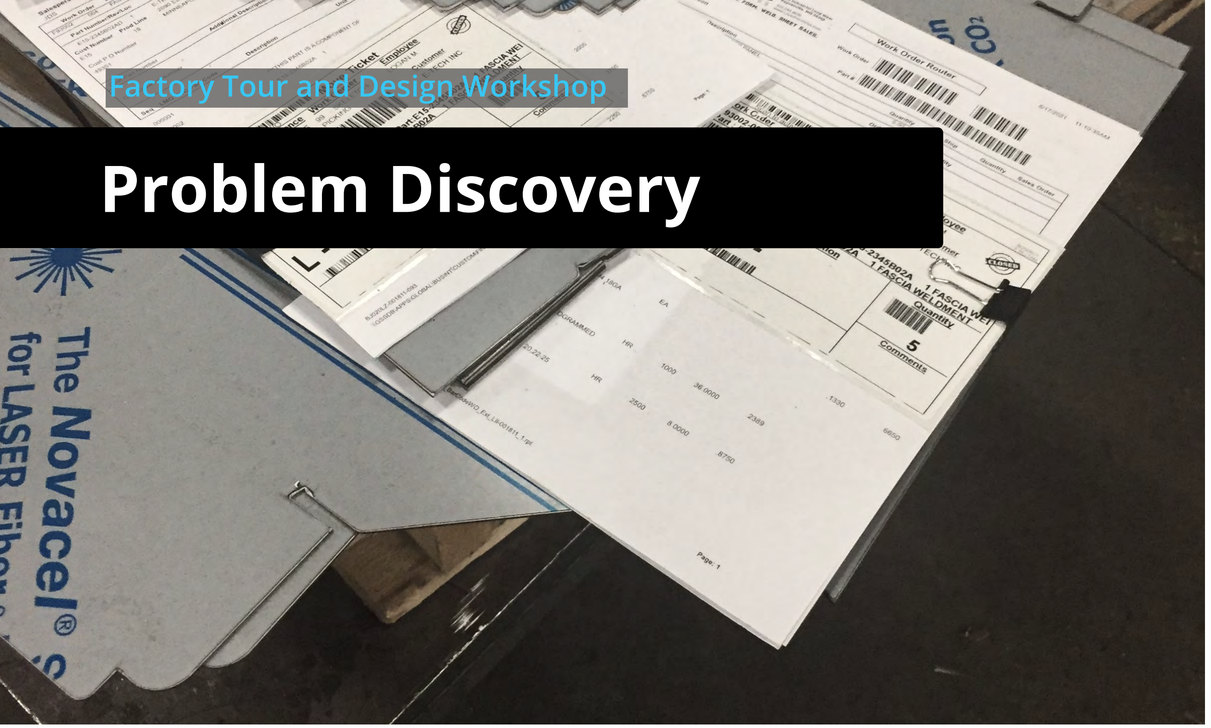
Figuring Out What We Had to Research

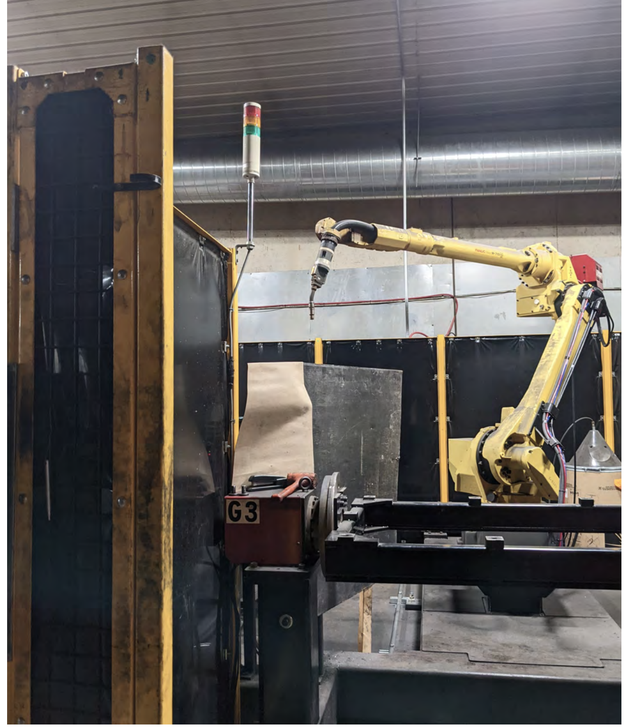
Research

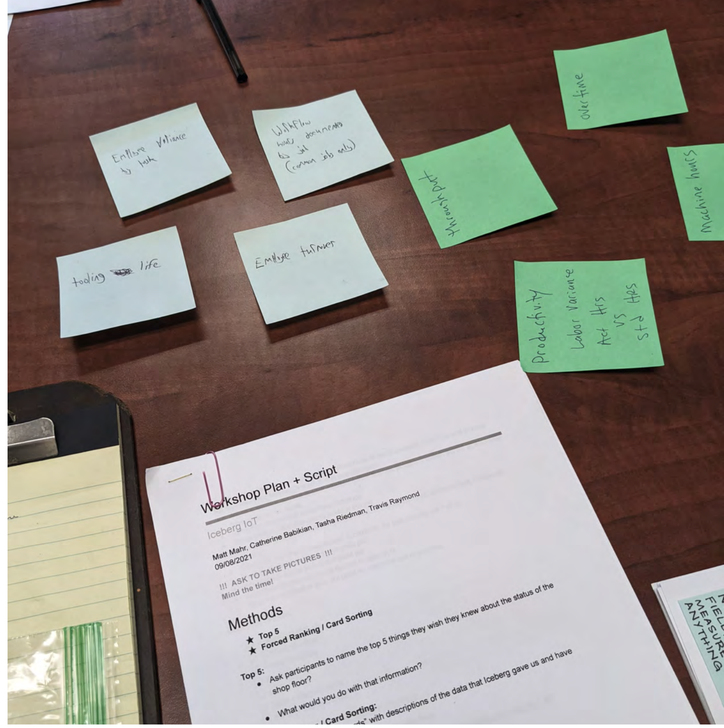


Factory Tour and Design Workshop

Problem Discovery







“Usually I’m just putting out brush fires.”
-Manager
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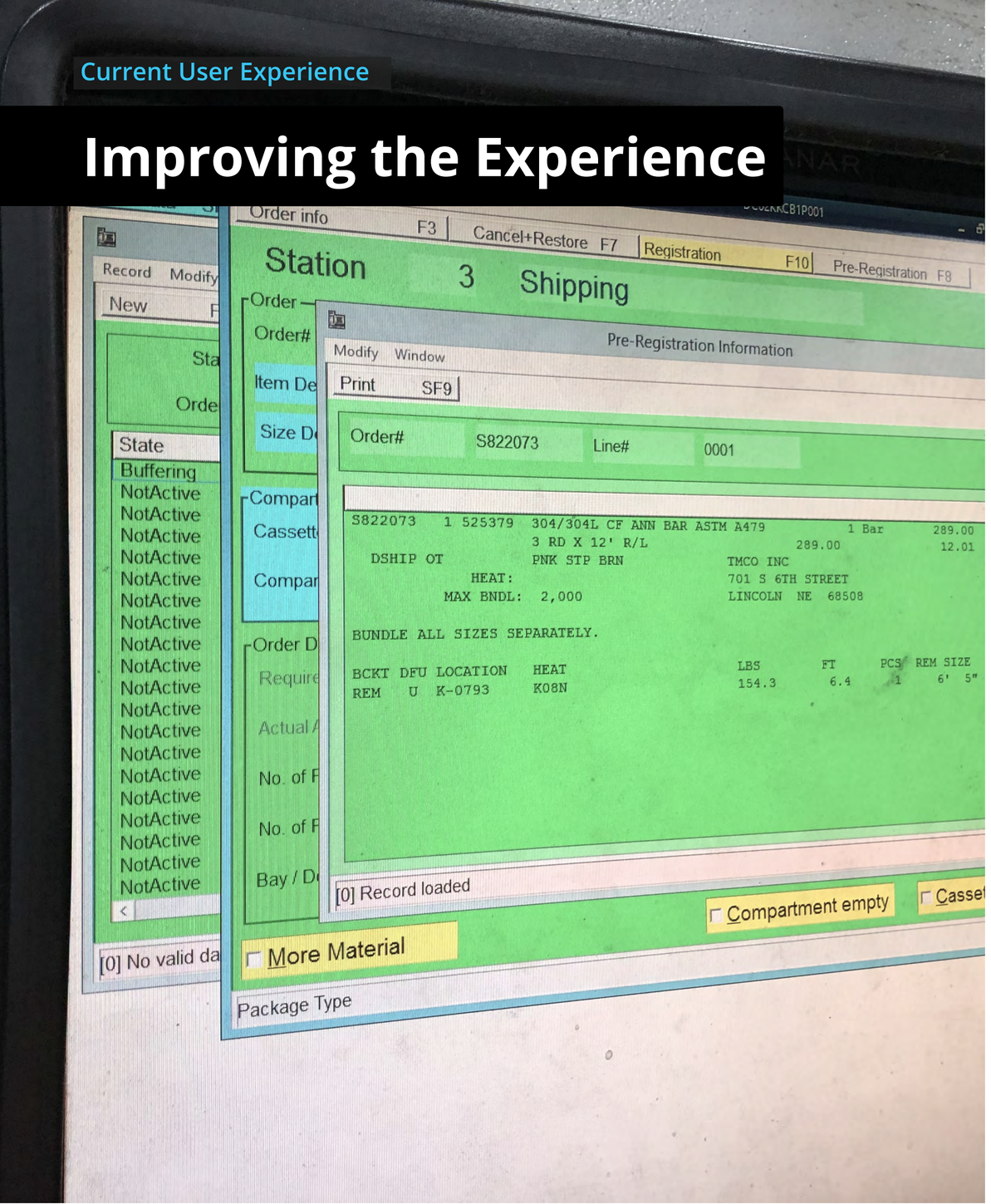
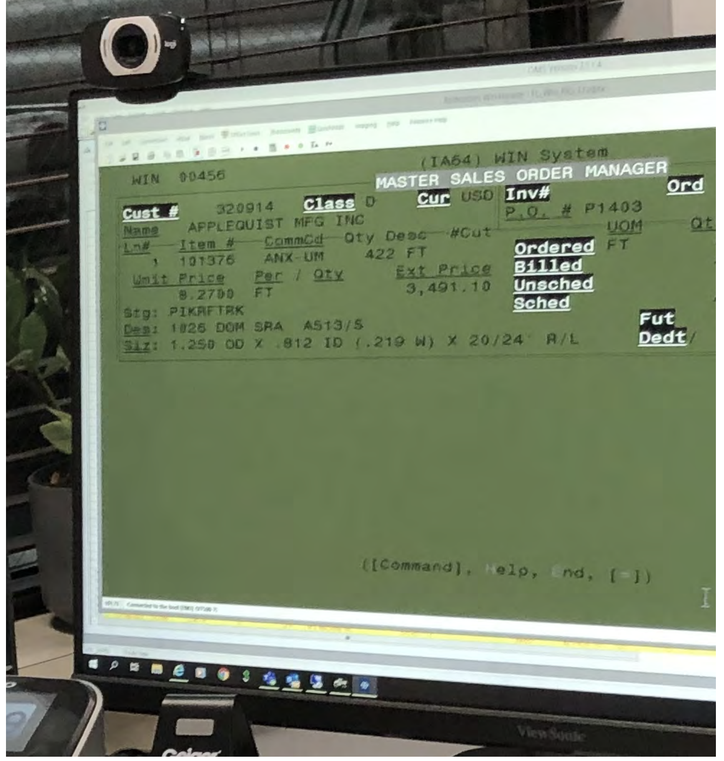
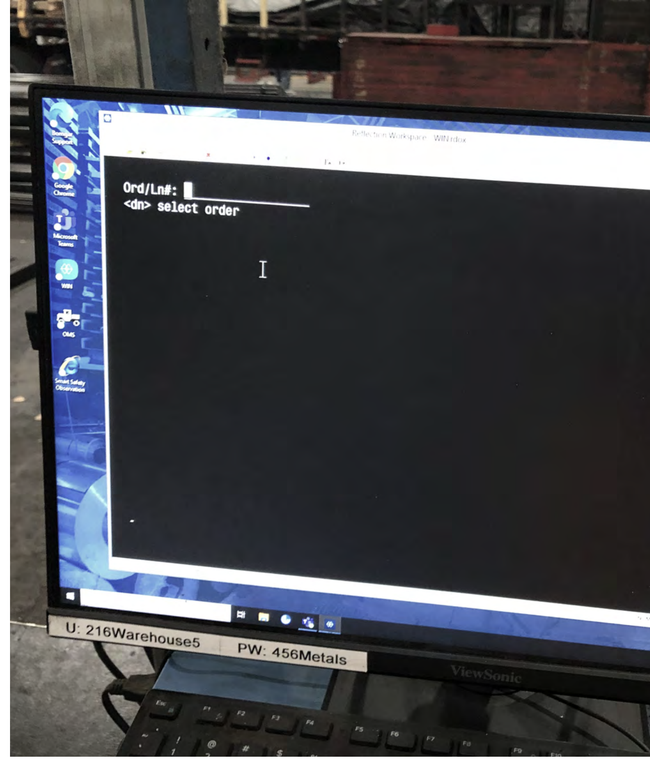
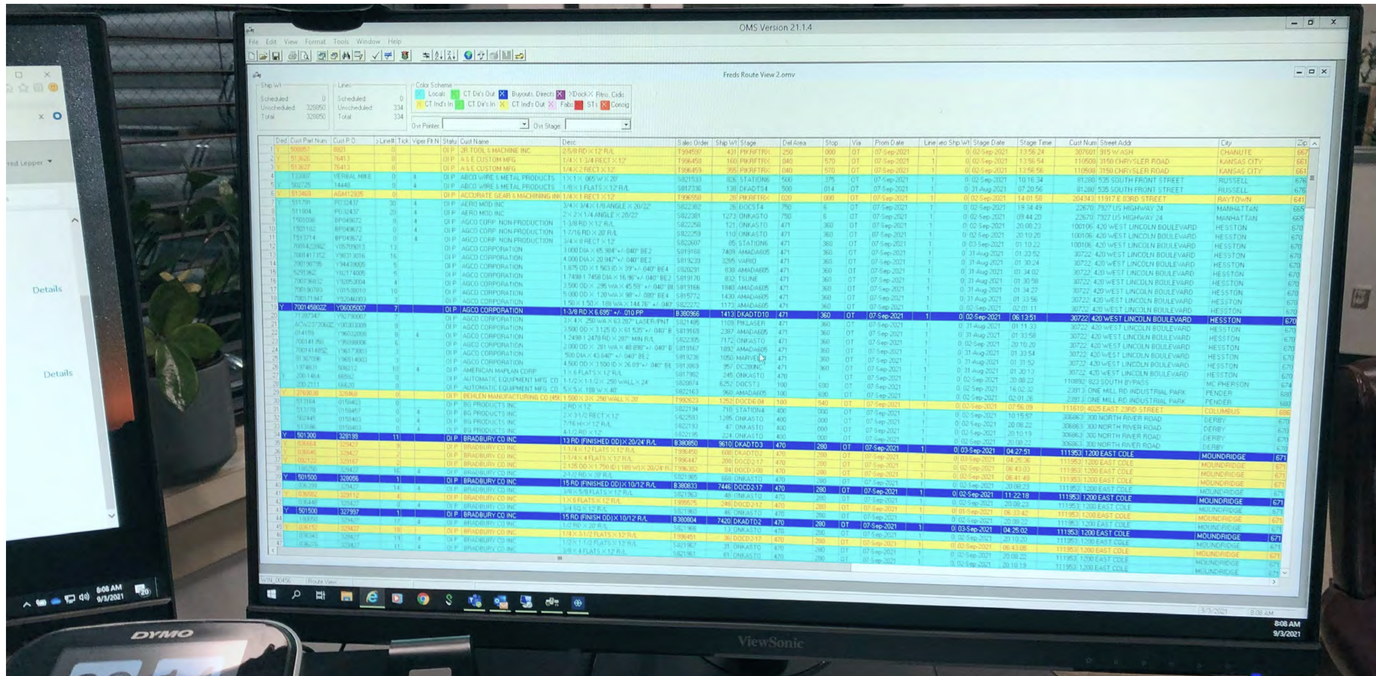
Current User Experience

Improving the Experience



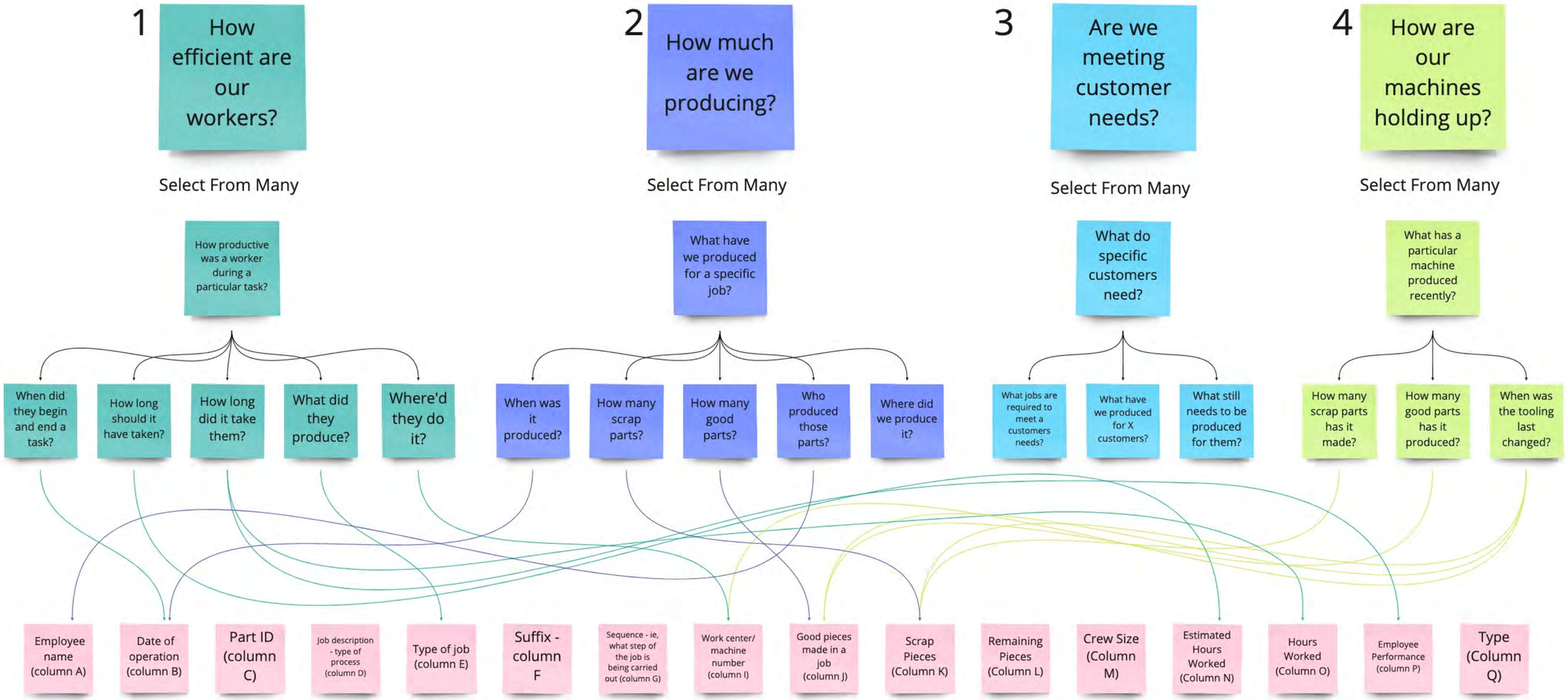






Core Dashboard Questions

"Things I wish I knew about my shop floor...."



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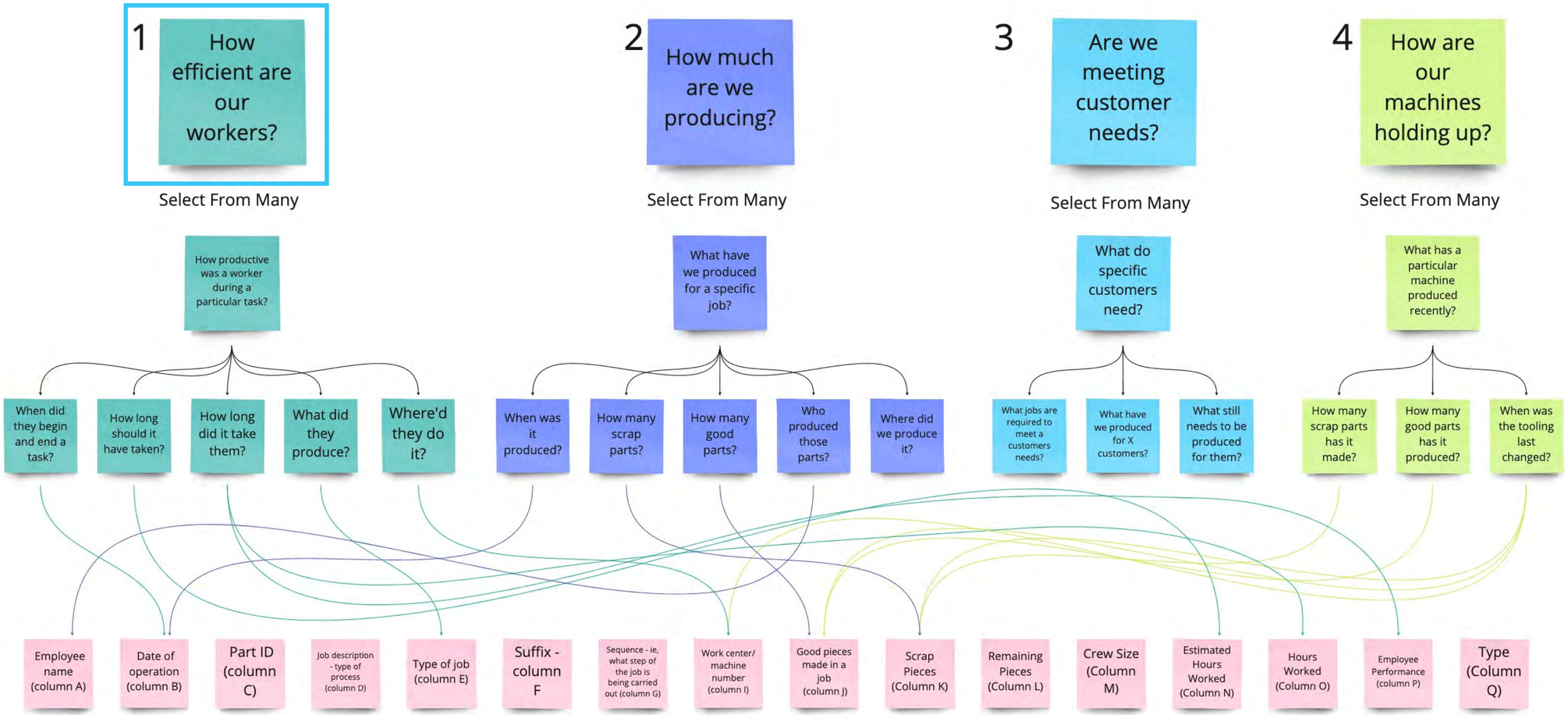

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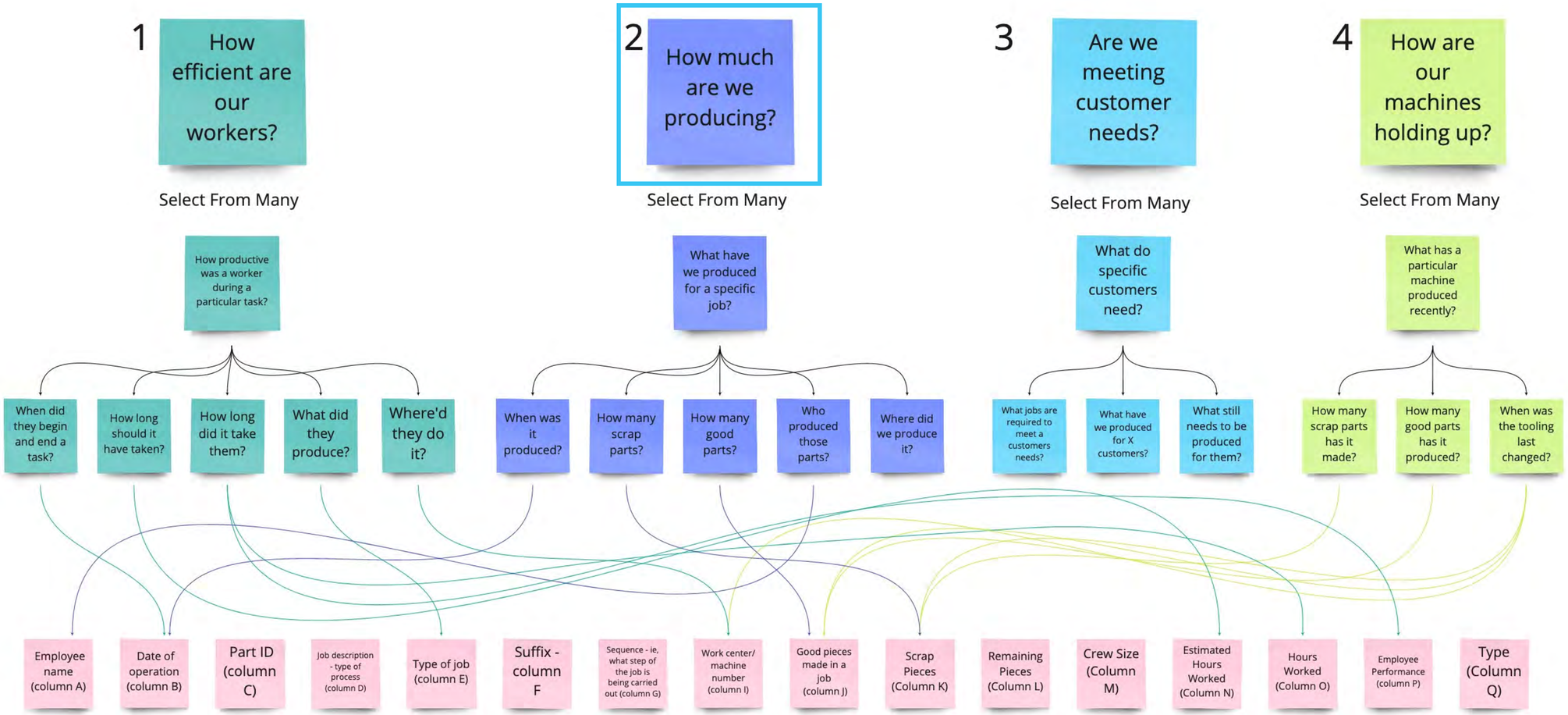

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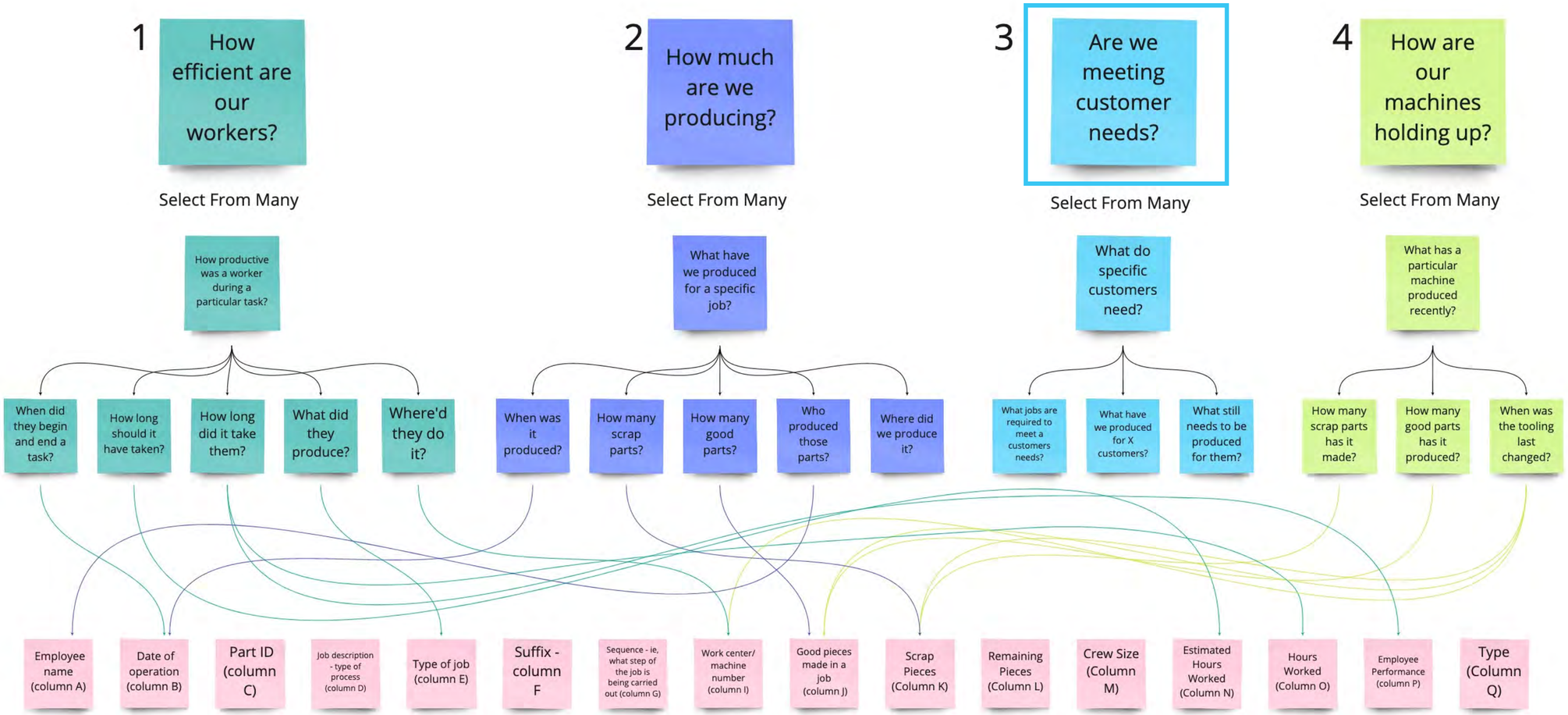

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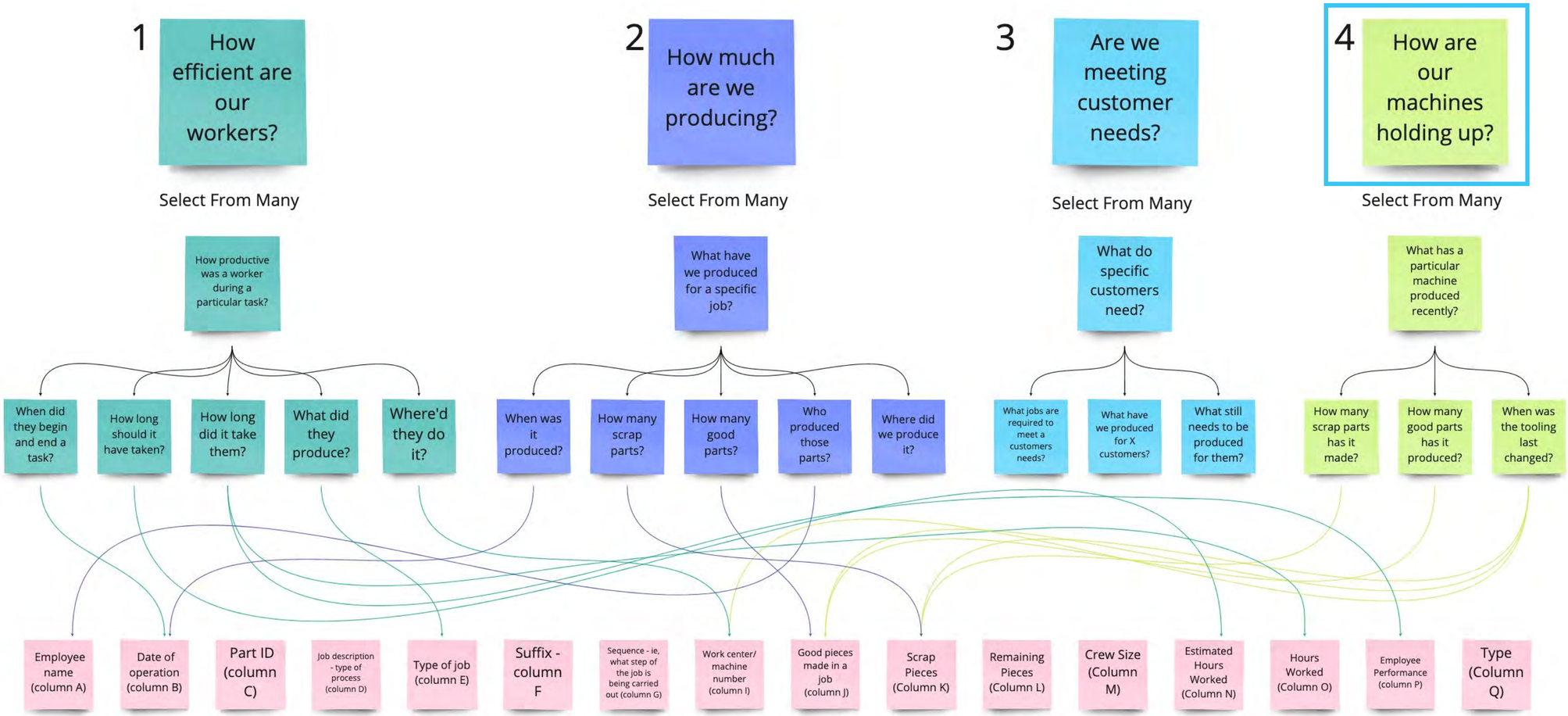

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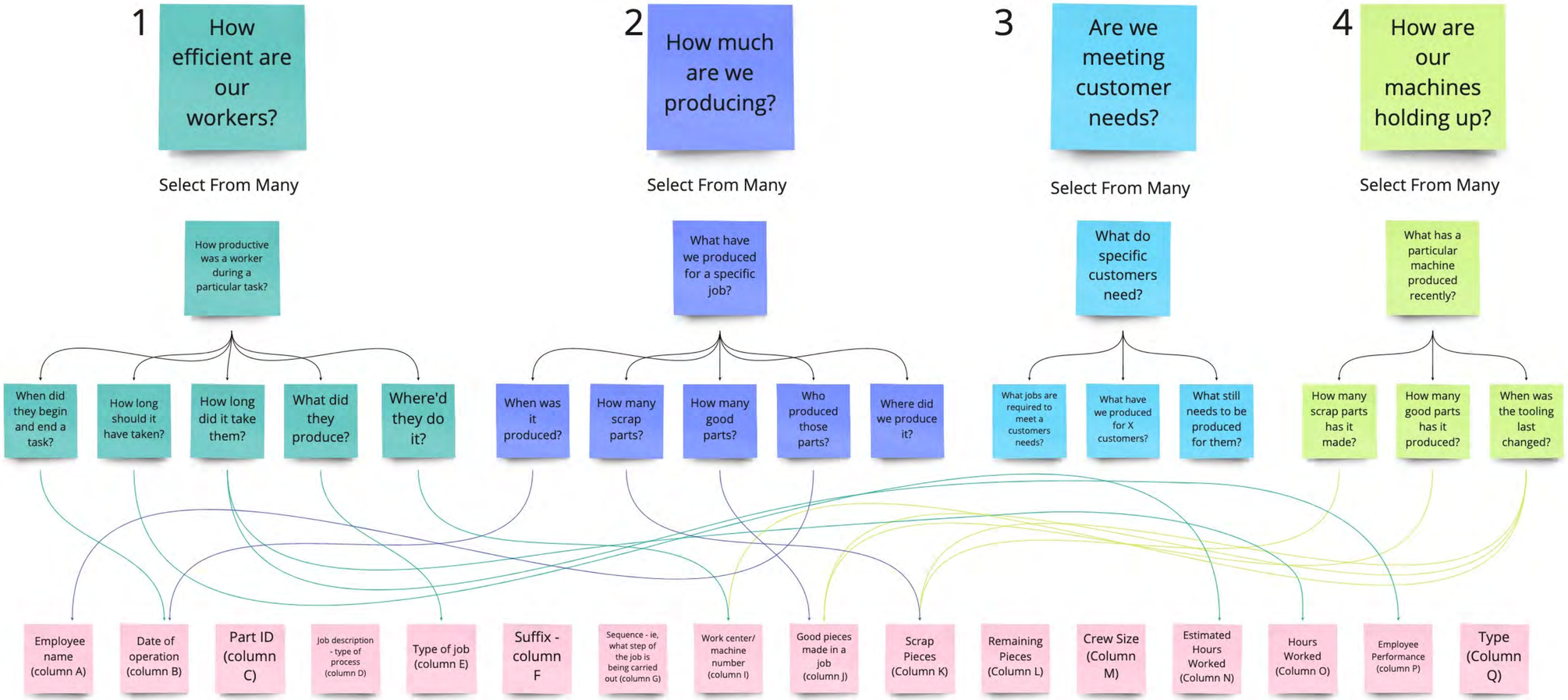

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Iceberg IoT Interactive Dashboard

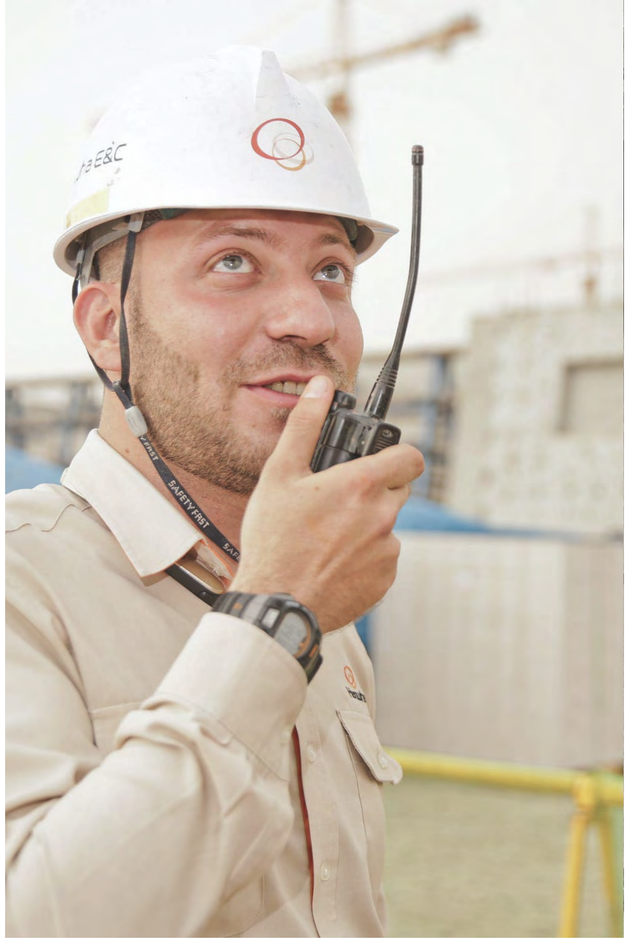
Solution Space

James

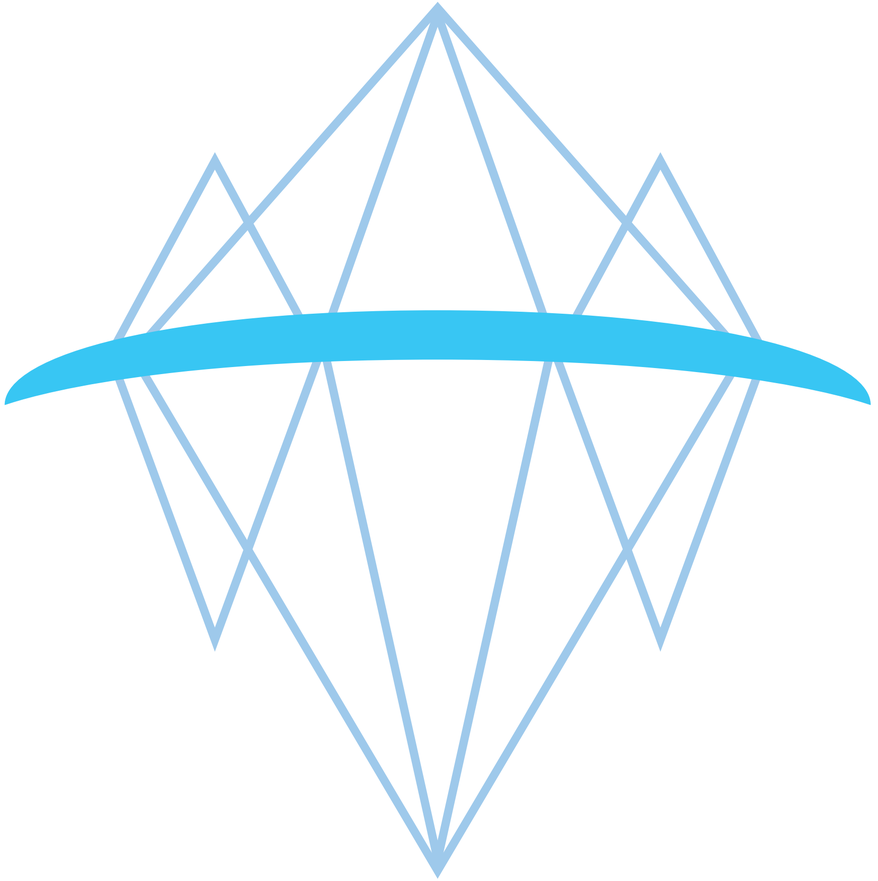
Operations Manager

Samantha

Assistant Operations Manager



Demo



Iceberg IoT Interactive Dashboard

Summary of Solution

Thank You

Iceberg IoT, thank you!

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Future Considerations

Design Team

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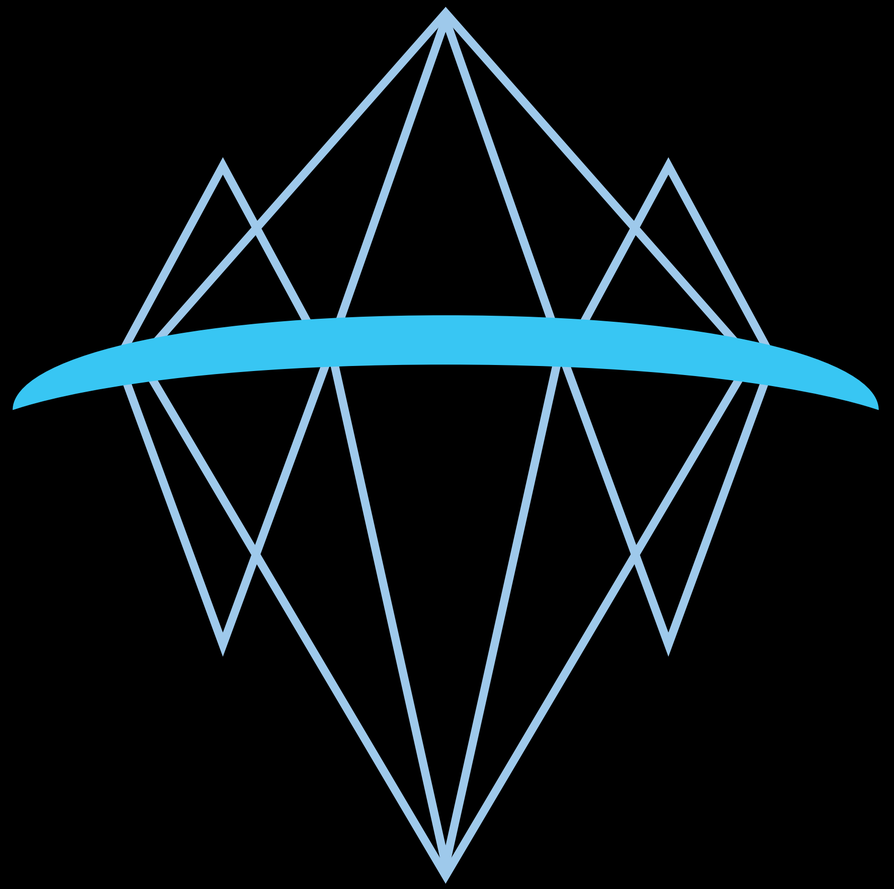
Travis Raymond

www.travisraymond.com

Thank You



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