



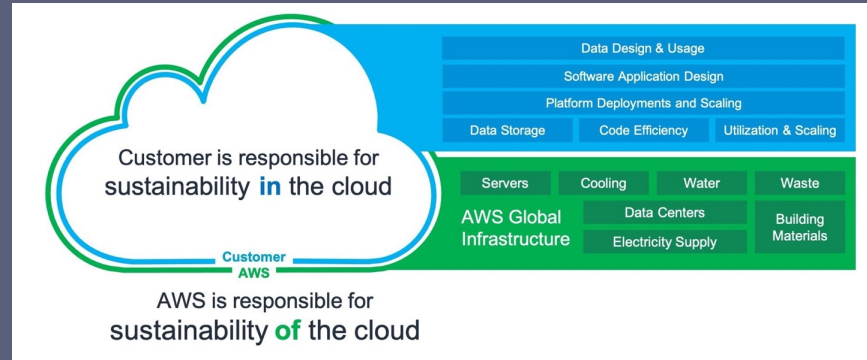
Green Cloud

Monday Hackathon





Building Your Cloud Sustainably

Why? What's the Problem?

- 🧑 Cloud Development defacto standard of each business
- 🦉 But too easy to lose track
- 🧑 Also Don't know how to Developing Sustainably
- 🌱 Business is responsible for Developing in the cloud
- 💰 Nice Side-effect: Cost Optimization



Solution

-  Scan your AWS Account
-  Proactively Creates Monday Items/Tickets
-  With ML --> Creating a Sustainability Score
-  Nuke the whole Account

How the Solution might look like

Spot.io - Cloud Analyzer

Amazon Carbon Footprint Tool

Tech Stack/ Tools

- React for Frontend
- Backend with AWS Lambda and API Gateway
- Infrastructure with CDK Typescript
- Machine Learning (?)
- Design Tool (?)
- Monday's Design System

What to Check

- Unused EC2
- Serverless/ Managed Solutions Options
- Optimization of Lambdas
 - Using Lambda Power Tuner
 - Graviton 2 or Graviton 3 based EC2 and/or Lambdas
- Caches
- Redundant Data
- Sustainable Regions

What Roles do we need?

- Technical Lead (John)
- Programmers
- UI/UX Designer
- Product Manager/Owner + Project Manager
- (Technical) Researcher + Content Writer (?)

What's next?

- Defining Tasks/Roles
 - Schedule Meetings with each Stream
- Implementation
- Fulfilling the Project requirements
- Deadline: 31st of August

Resources

- [Sustainability Pillar](#)
- [AWS Sustainability](#)
- [Getting Started in Monday App](#)

Let's do this

