



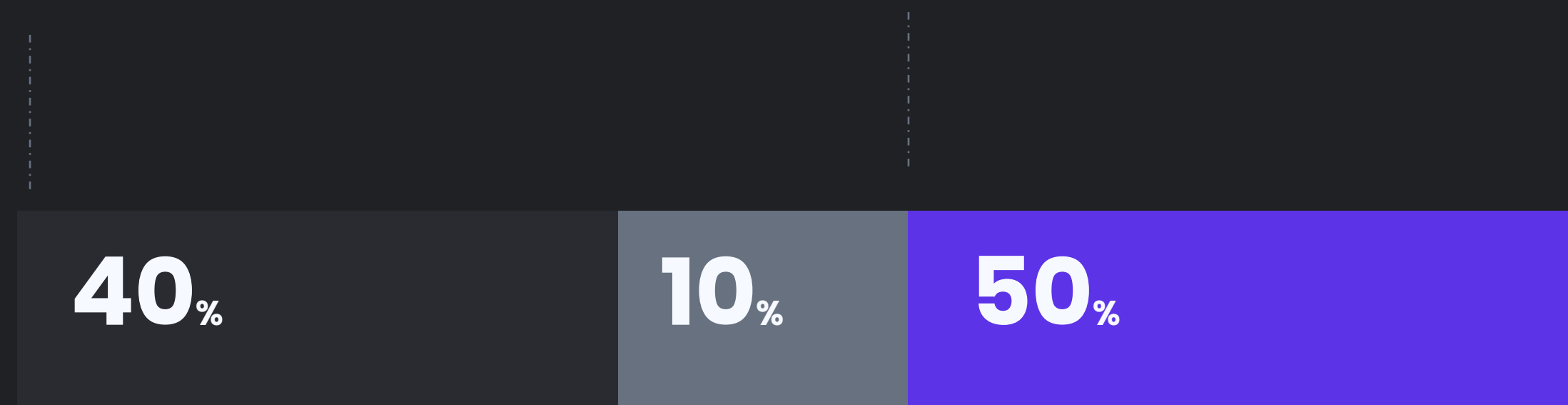
# **Quantitative Analytics Team Presentation**



# Project Distribution

Data Analytics  
Requests

MCD Risk Tool  
and Risk Model



Oasis API



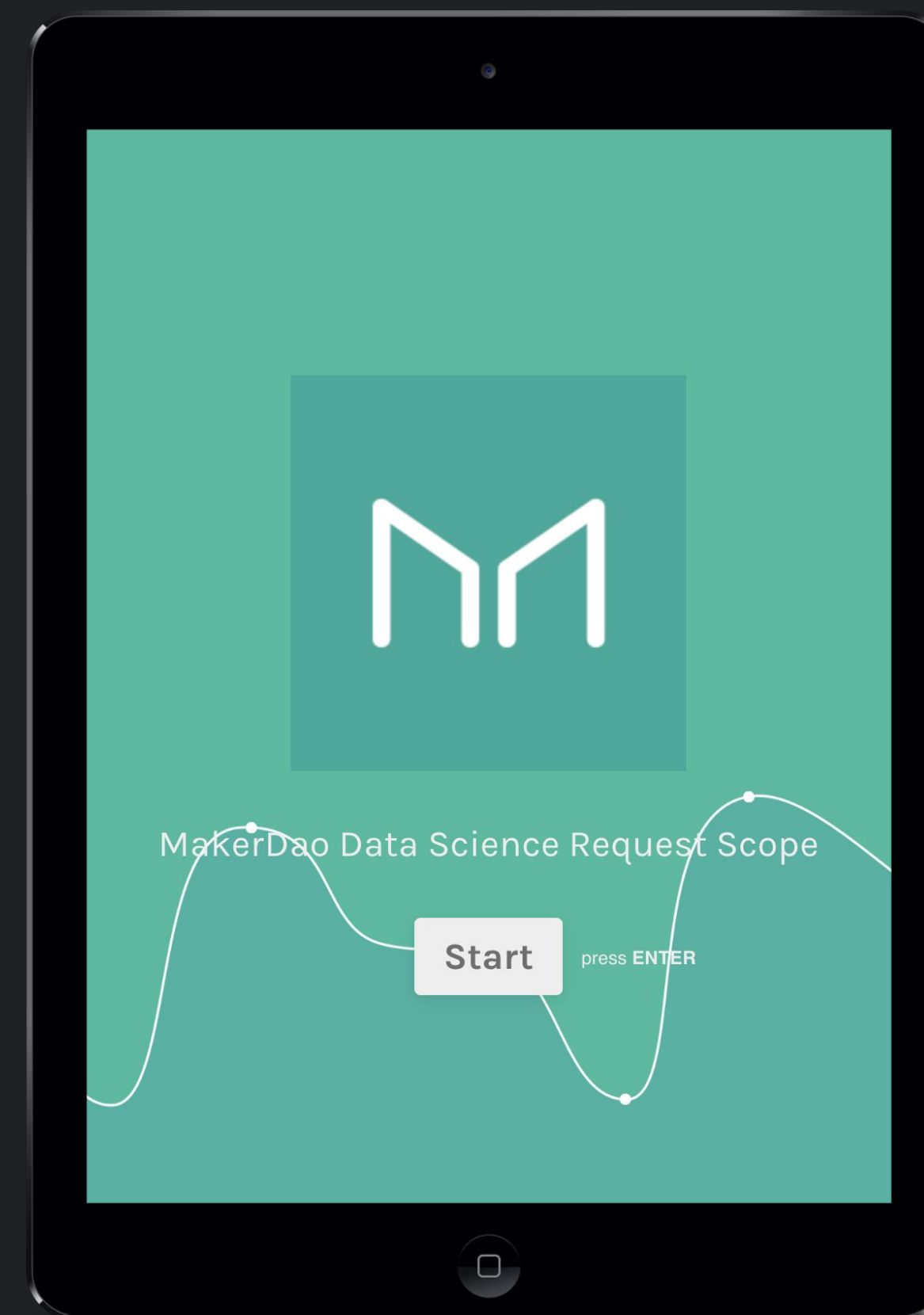
# Analytics



Quantitative Analytics Team

# Data Request Onboarding Portal

Ability for teams to request  
analytics and data pipelines.





A close-up photograph of several wooden gavel heads resting on a wooden surface.

**Legal Team**

A photograph of a poker table with various playing cards and colorful chips scattered across it.

**Risk Team**

A photograph of a smartphone displaying a social media profile next to a laptop keyboard.

**Marketing Team**

A photograph of a digital display showing various financial metrics and line graphs.

**Market Making**

**Fulfilling  
analytics  
requests for  
all teams...**

A photograph of a group of people's hands stacked together in a circle, symbolizing teamwork.

**Community**

A close-up photograph of a small, fluffy kitten looking directly at the camera.

**Individuals**

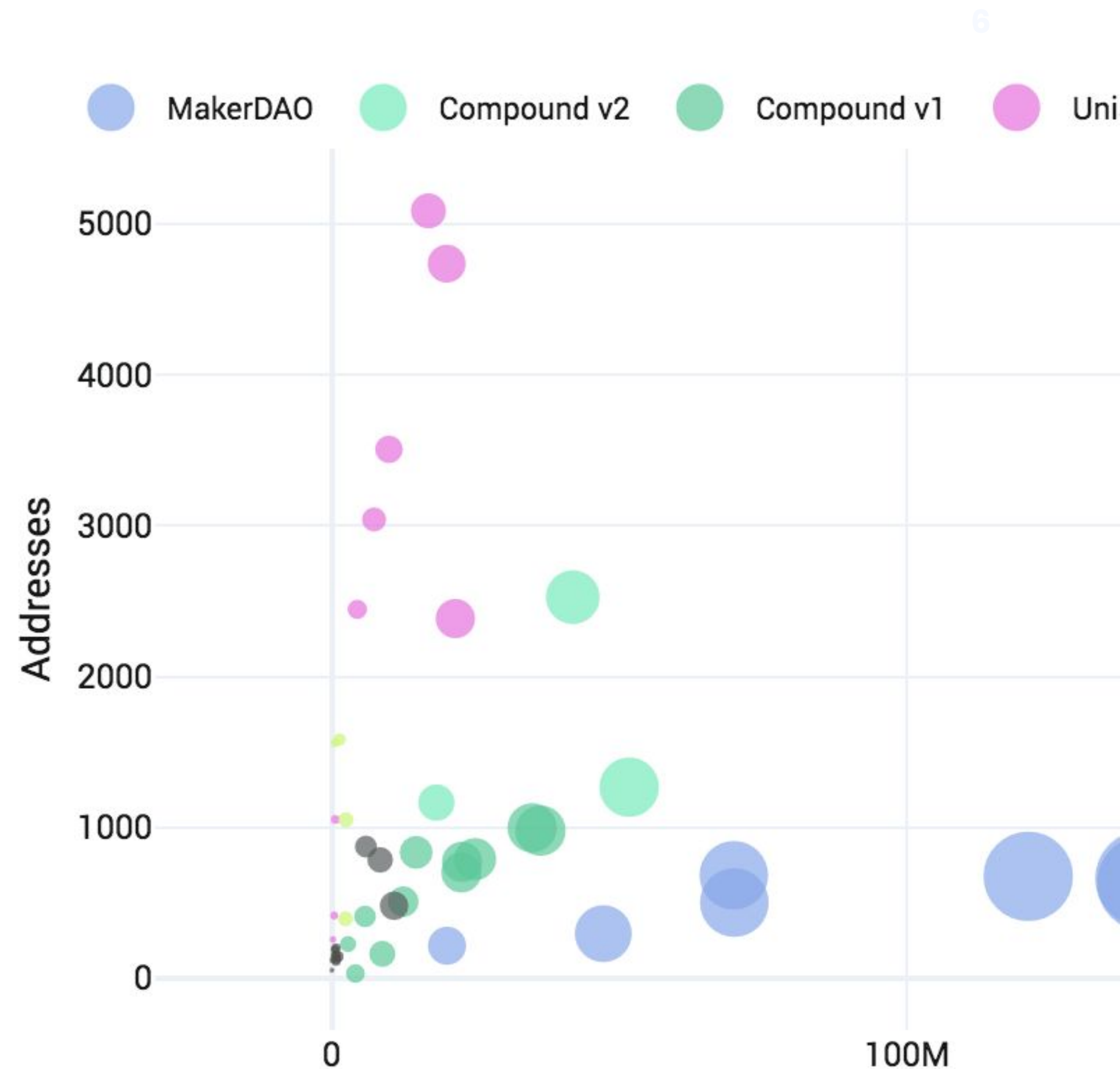




Quantitative Analytics Team

# Displaying the top addresses used in DeFi platforms

This shows the addresses used in MakerDao, Compound, Dharma, Uniswap, and dYdX



# And Many More Charts...



# Data Feeds



# The MakerDAO Data Pipeline

Data science pipeline that scales, has low event latency, interactive querying, testing, etc. to create a data culture within MakerDAO



**Low Latency**



**Interactive Querying**

# Oasis API



Endpoints



Schema



Pricing

# Developing production level Oasis API

Oasis API with Maciejka and Joe Q building out endpoints, schema, pricing, onboarding, system level spec, and trading signals.

## ORDER BOOK

Price DAI	Amount WETH
-----------	-------------

215.61	59.77867
--------	----------

215.52	10.00000
--------	----------

215.42	10.00000
--------	----------

214.76	10.00000
--------	----------

214.75	29.16574
--------	----------

1.74	
------	--

213.00	39.13621
--------	----------

212.77	10.00000
--------	----------

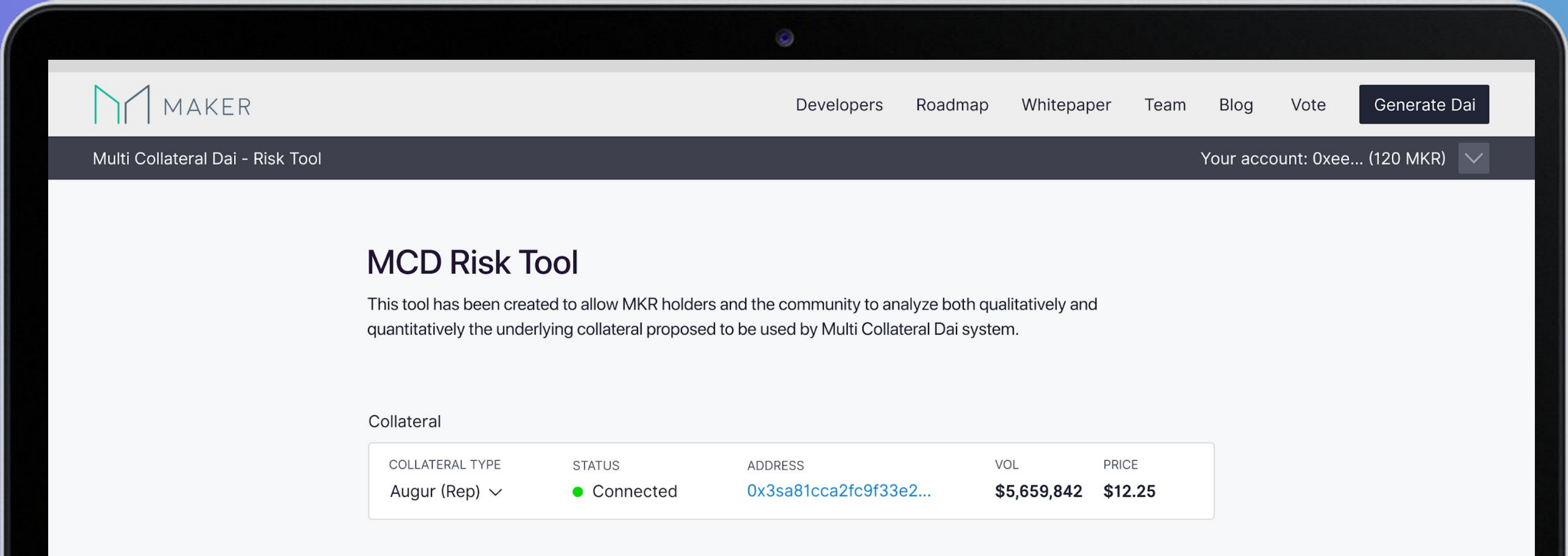
212.20	9.25938
--------	---------

211.94	30.00000
--------	----------

211.57	20.00000
--------	----------



# Risk Tool



MakerDao Risk Tool

Risk.Makerdao.com

MAKER

DevelopersRoadmapWhitepaperTeamBlogVoteGenerate Dai

Multi Collateral Dai - Risk Tool

Your account: 0xee... (120 MKR)

# MCD Risk Tool

This tool has been created to allow MKR holders and the community to analyze both qualitatively and quantitatively the underlying collateral proposed to be used by Multi Collateral Dai system.

Collateral

COLLATERAL TYPE	STATUS	ADDRESS	VOL	PRICE
Augur (Rep) ▾	● Connected	0x3sa81cca2fc9f33e2...	\$5,659,842	\$12.25

Qualitative and Quantitative Report

## MCD Qualitative & Quantitative Risk Tool





Quantitative Analytics Team

# Video Demo of the MCD Risk Tool

Professionally administrate turnkey  
content without quality

MAKERDAO

DevelopersRoadmapWhitepaperTeamBlogVote

- Risk Tool

Your account: Oxe

## MCD Risk Tool

This tool has been created to allow MKR holders and the community to analyze both qualitatively and quantitatively the underlying collateral proposed to be used by Multi Collateral Dai system.

Collateral

COLLATERAL TYPE	STATUS	VOL	PRICE
Augur (Rep) ▾	● Connected	\$5,659,842	\$12.25

Qualitative and Quantitative Report

QUALITATIVE

### Qualitative Analysis of Augur

Description of the report and data we will show that supports our suggestion of the collateral type.

View Report

QUANTITATIVE

<

>



**QA TEAM**

# Quantitative Analytics Team Update



**Madison Piercy**

Quantitative Analytics Lead



**Nicholas Allen**

Quantitative Analytics