

TRUSTSCORE

Heidi Kim • Jack Reilly • Stev Witzel • Nathan Akers

TrustScore is a **risk management** tool

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TrustScore is a **risk management** tool that uses **relationships** and **referrals** to assess trustworthiness. In this system, one's trustworthiness depends not only on **their actions**, but the **actions of their connections** in the network.



Trumer loves baking bread and wants to open up a bakery.

Jonny at KivaZip helps people like Trumer.





Borrower



KIVA

Trumer applies for a loan at KivaZip.

But Jonny doesn't know anything about Trumer's reputation.



Samuel is Trumer's friend.
He is also a respected
KivaZip user.



Borrower



KIVA



42 Endorser



10 Borrower



42 Endorser



KIVA



31 Borrower



KIVA



42 Endorser



84 Endorser

UNC



Borrower

31

August

September

October

November

December



Endorser

42

August

September

October

November

December



Borrower



Endorser





Borrower

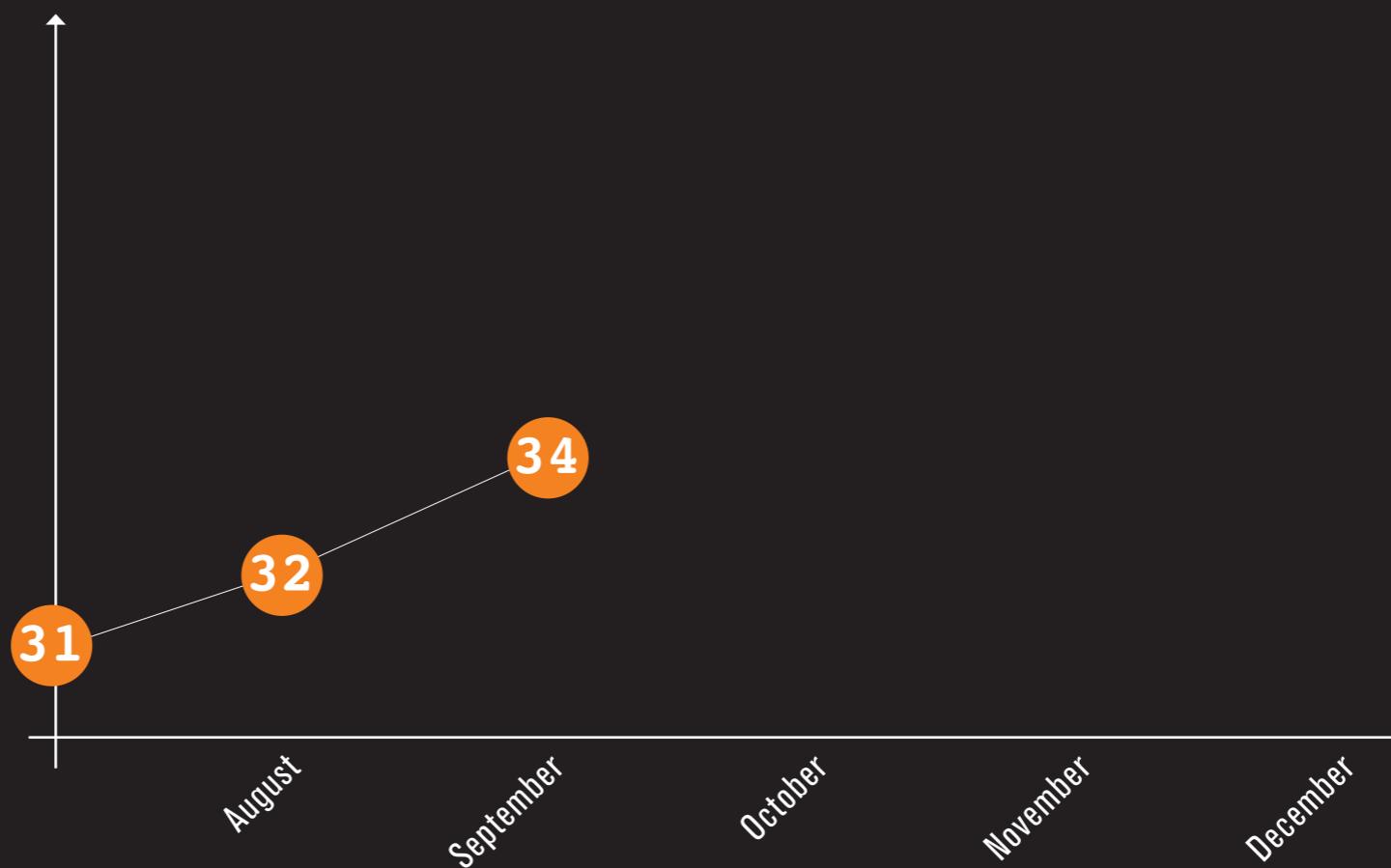


Endorser

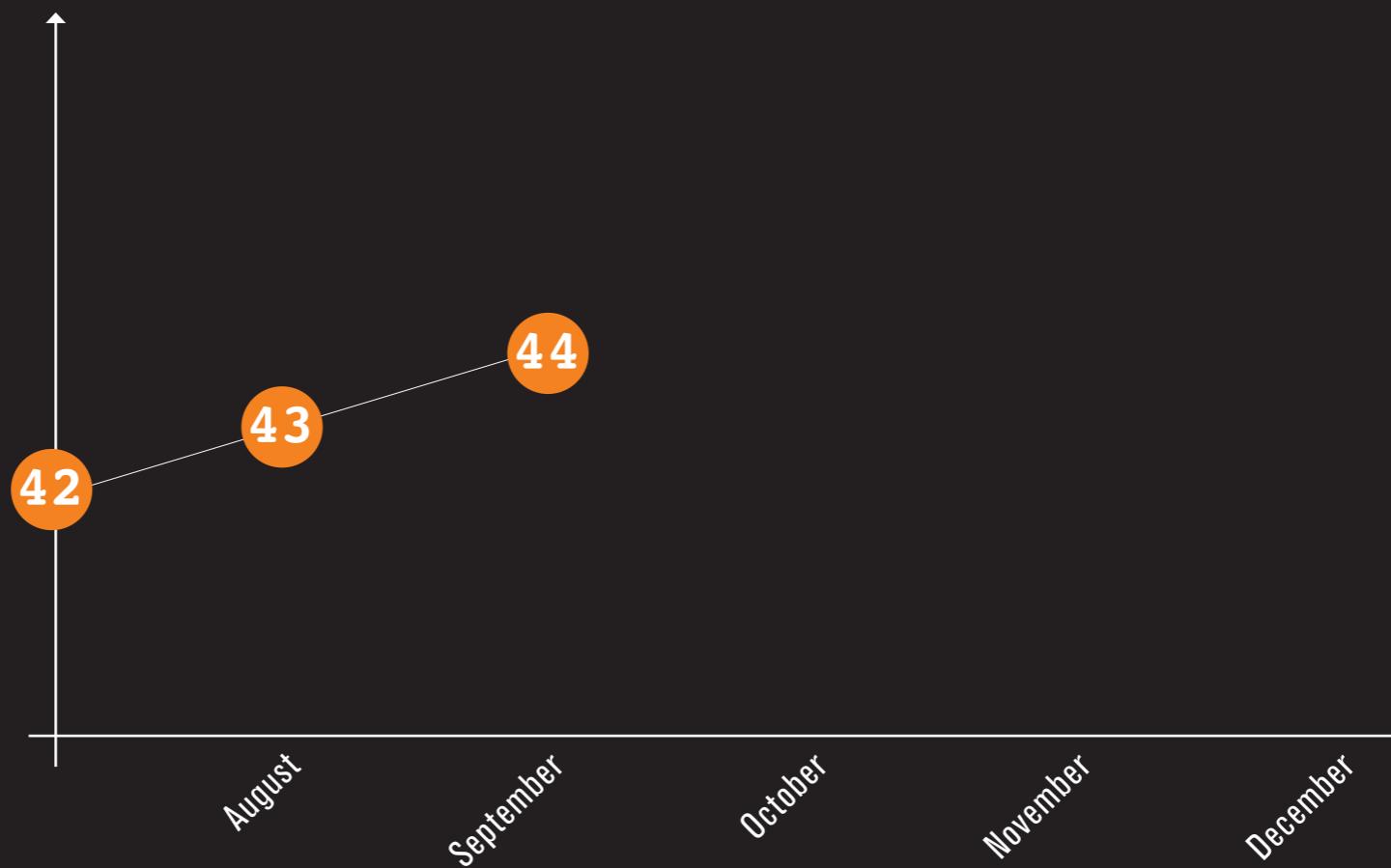




Borrower

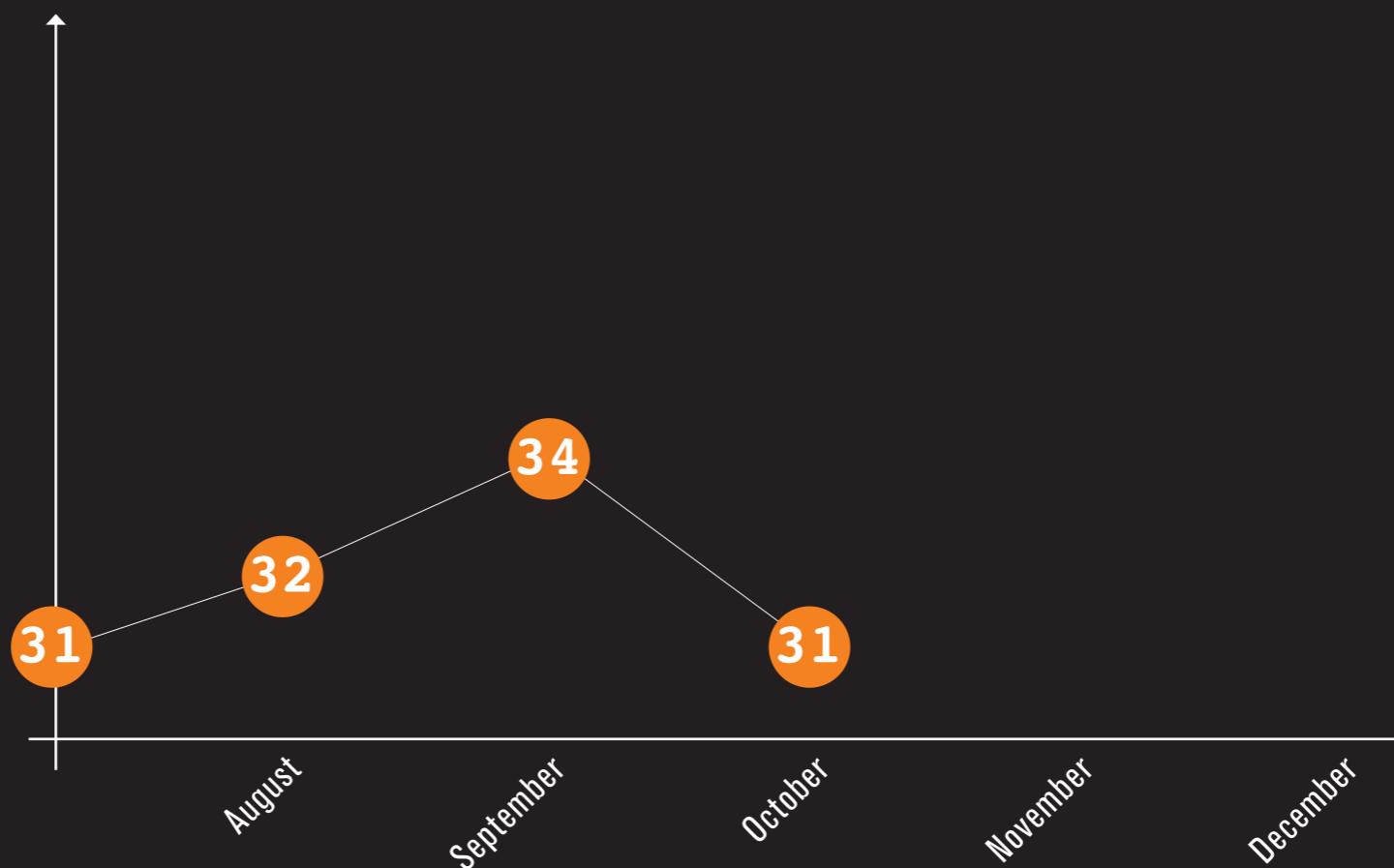


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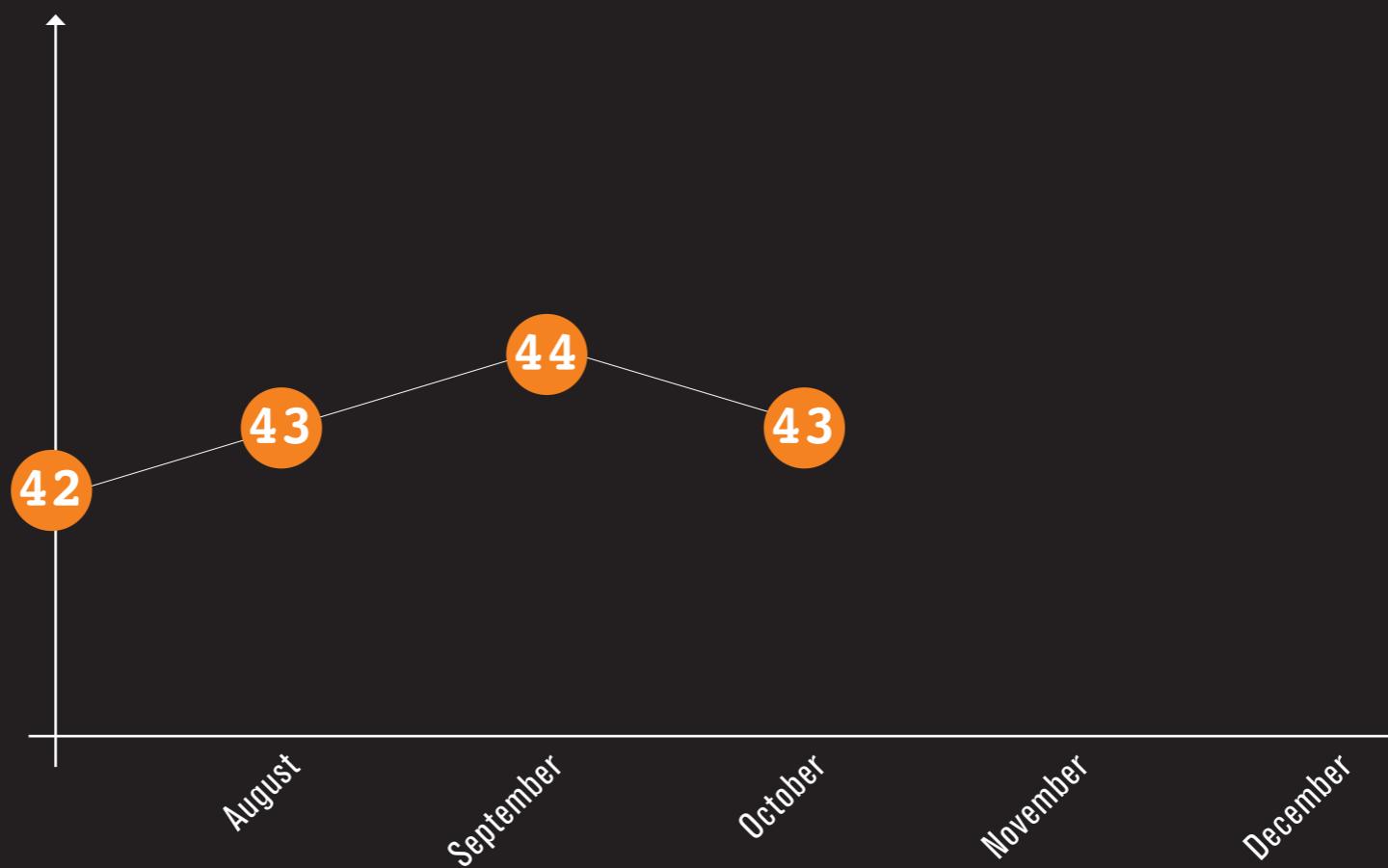


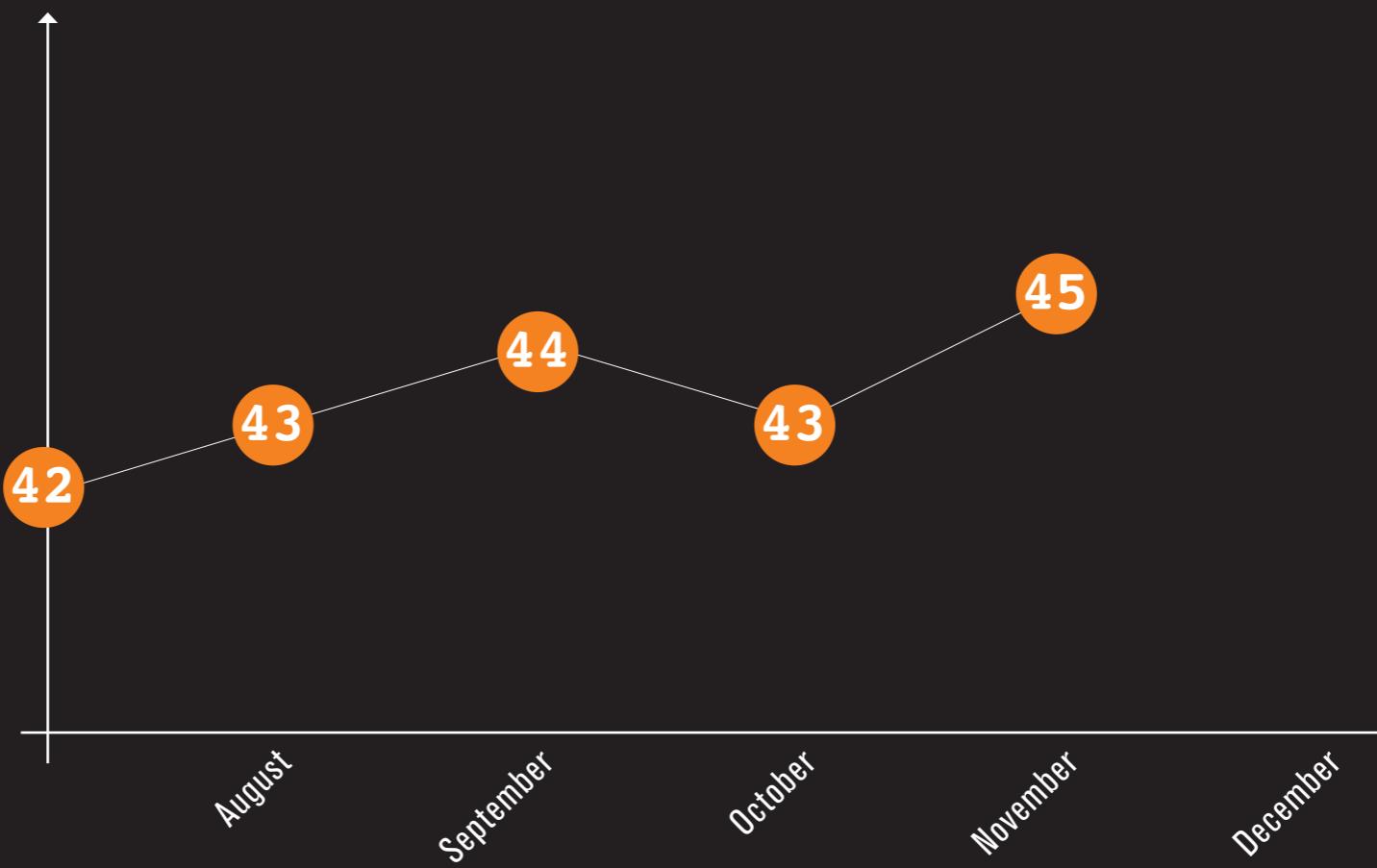
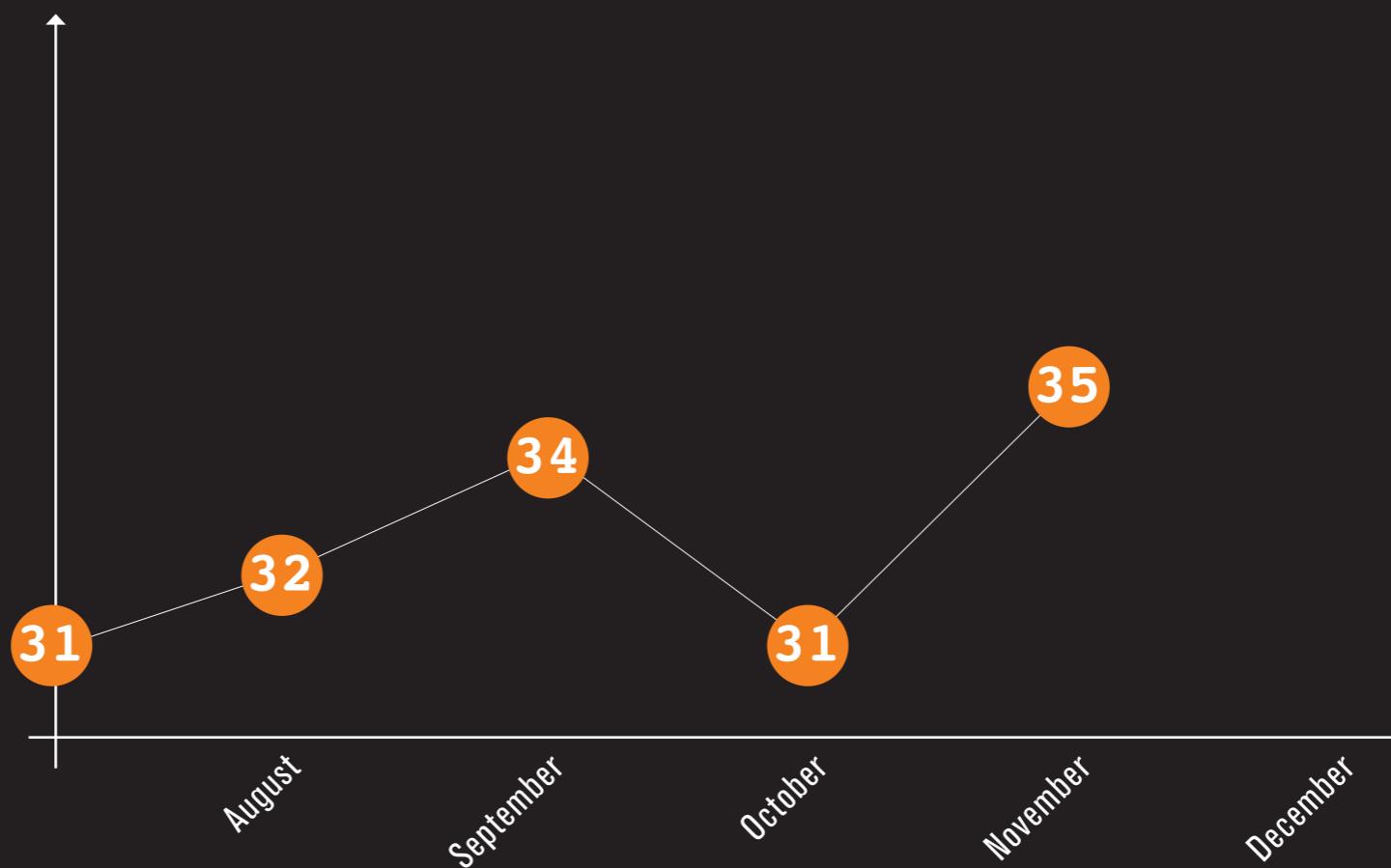


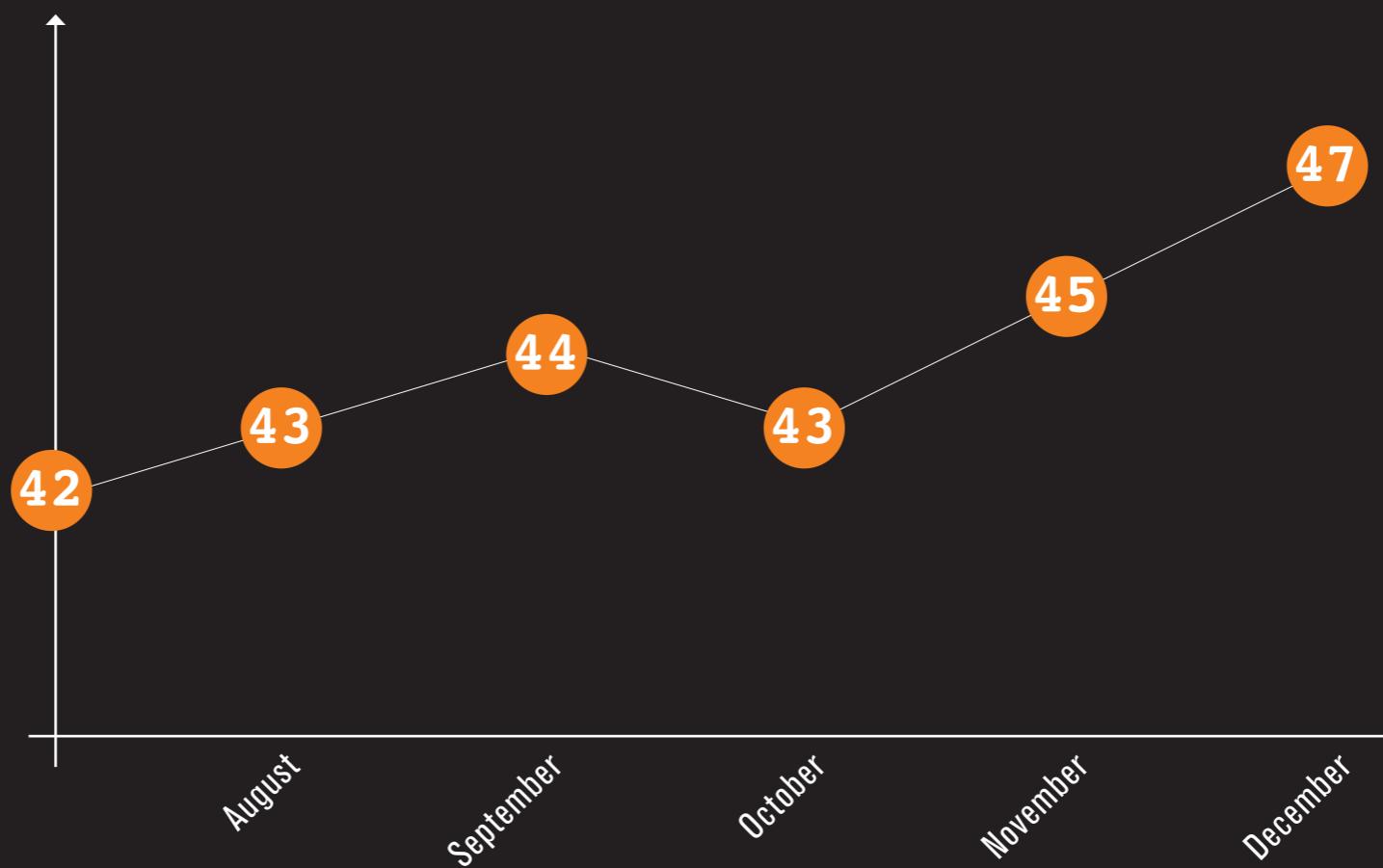
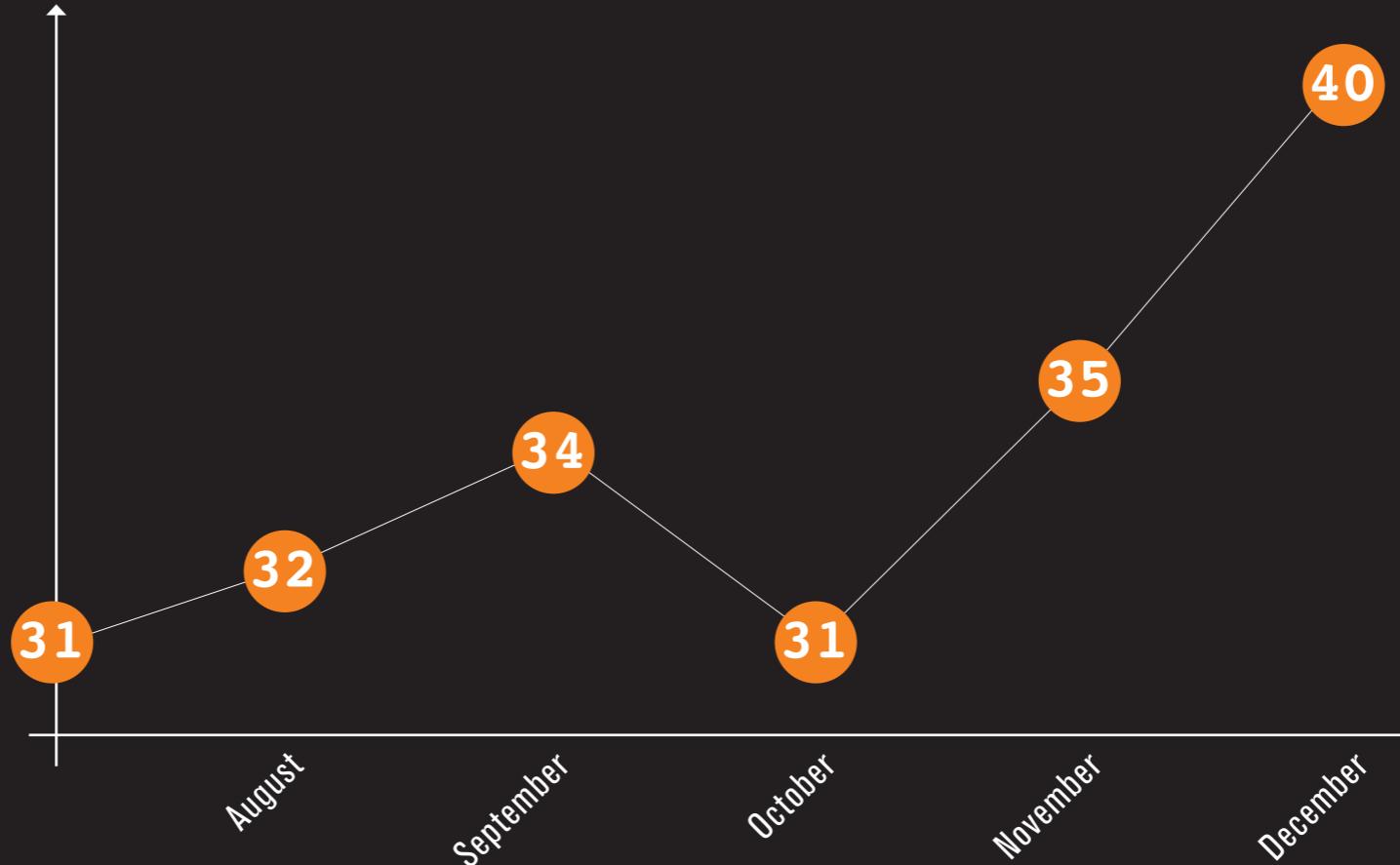
Borrower



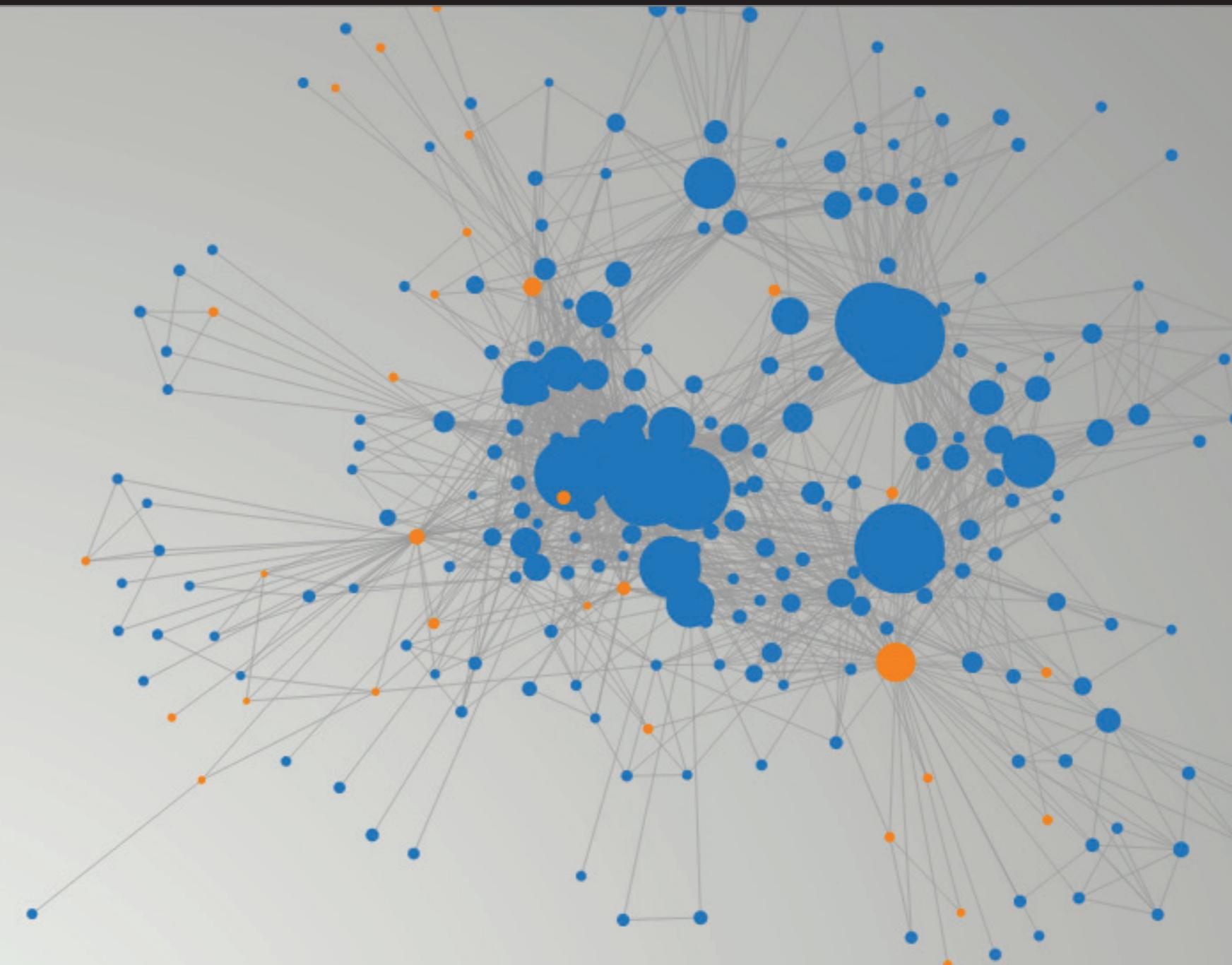
Endorser







TRUST SCORE





Trust is context-specific.



Side•car



EXEC.

Spinlister

Żaarly



Side•car



EXEC.

Spinlister

Żaarly



Side•car



EXEC.

Spinlister

Żaarly

Search Everything

Action Items

Agents

Loans

+ Quick Add ▾

ACTIVE LOANS

Loan	Amount	Agent Name	Status
Book Club	\$451.24	John Doe	Awaiting Action
Stuffing Factory	\$42.44	Jane Doe	Awaiting Action
Suit for my brother	\$505.41	Nathan Akers	Awaiting Action
Book Club	\$29.79	Scottie Pippen	Awaiting Action
Suit for my brother	\$830.23	Scottie Pippen	Awaiting Action
Book Club	\$0.00	Scottie Pippen	Awaiting Action

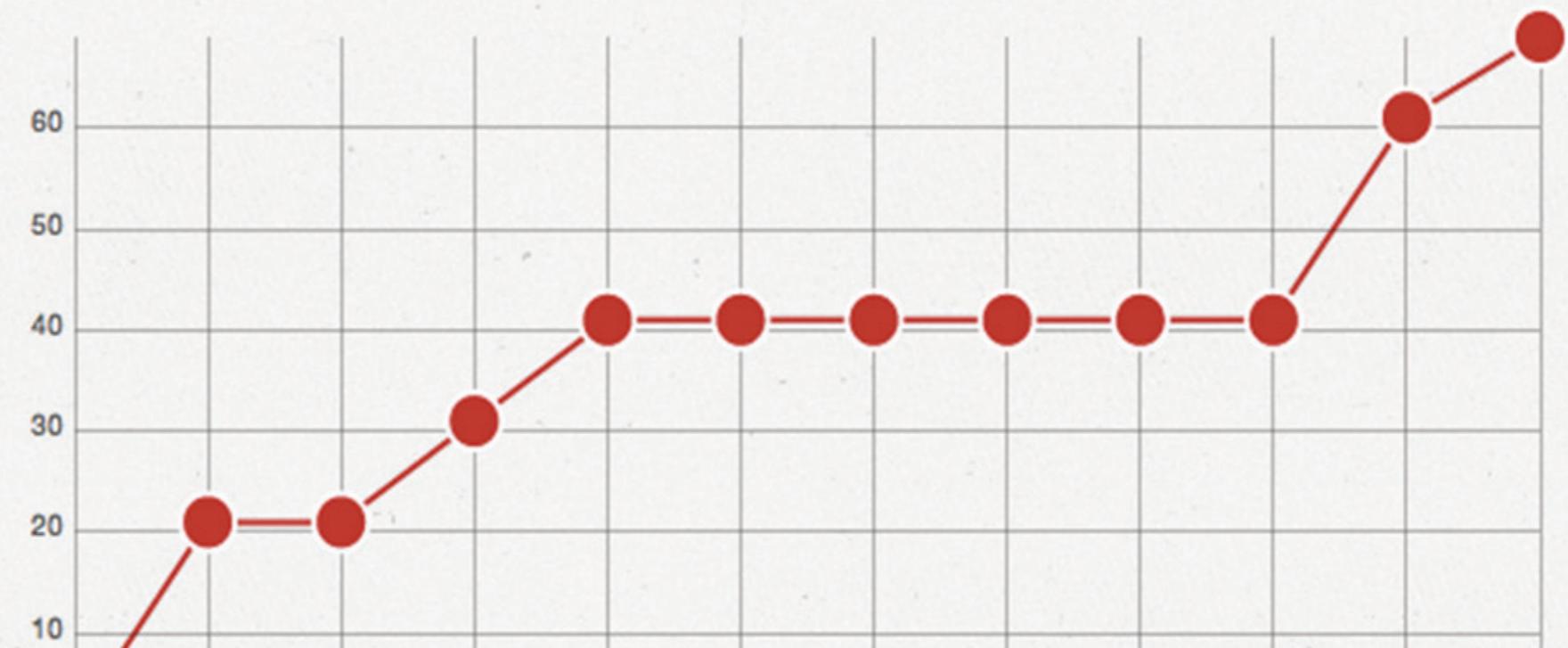
UI Prototype

TRUST SCORE Dashboard

Search Everything

Action Items Agents Loans

+ Quick Add ▾

Agent: Scottie Pippen
Trust Graph

Live Scores

```
{  
- meta: {  
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    next: "/api/v1/endorsement/?offset=20&limit=20&format=json",  
    offset: 0,  
    previous: null,  
    total_count: 49  
},  
- objects: [  
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    score: 1,  
    trustee: "/api/v1/actor/1/"  
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    score: 1,  
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    score: 1,  
    trustee: "/api/v1/actor/2/"  
},  
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    trustee: "/api/v1/actor/5/"  
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    score: 1,  
    trustee: "/api/v1/actor/8/"  
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    id: 10,  
    loan: "/api/v1/loan/9/",  
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    score: 1,  
    trustee: "/api/v1/actor/9/"  
},  
- {  
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    id: 11,  
    loan: "/api/v1/loan/8/",  
    resource_uri: "/api/v1/endorsement/11/",  
    score: 1,  
    trustee: "/api/v1/actor/10/"  
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    trustee: "/api/v1/actor/11/"  
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    score: 1,  
    trustee: "/api/v1/actor/12/"  
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    resource_uri: "/api/v1/endorsement/14/",  
    score: 1,  
    trustee: "/api/v1/actor/13/"  
},  
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    score: 1,  
    trustee: "/api/v1/actor/14/"  
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    score: 1,  
    trustee: "/api/v1/actor/15/"  
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    score: 1,  
    trustee: "/api/v1/actor/16/"  
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    resource_uri: "/api/v1/endorsement/18/",  
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    resource_uri: "/api/v1/endorsement/19/",  
    score: 1,  
    trustee: "/api/v1/actor/18/"  
},  
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    id: 20,  
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    resource_uri: "/api/v1/endorsement/20/",  
    score: 1,  
    trustee: "/api/v1/actor/19/"  
}]
```

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