

Karura + SubQuery DeFi Challenges: Build with the Polkadot & Kusama ecosystem's first and only live DeFi blockchain (\$14,000 in Prizes)

Karura

[Karura](#) is the multi-chain DeFi hub of Kusama. Founded by the Acala Foundation, Karura is a scalable, EVM-compatible network optimized for DeFi. Karura was the winner of the first parachain slot auction on Kusama, locking 501k KSM (\$150M+) from the community. The platform offers a suite of DeFi apps including a trustless staking derivative (liquid KSM), a multi-collateralized stablecoin (kUSD), and an AMM DEX. Acala and Karura are backed by Coinbase Ventures, Pantera Capital, Polychain Capital, Digital Currency Group, and other top firms.

SubQuery

SubQuery's technology provides Polkadot and Kusama developers with the tools needed to easily explore, transform and analyse on-chain data. Abstracting the backend, SubQuery eliminates the need for custom data processing servers. It helps developers focus on building fast and intuitive dApps faster, rather than building their own querying systems.

Challenges

Use the Karura blockchain and SubQuery's data indexing services to build useful and creative tools, dashboards, or DApps.

Prizes

- Warm-up challenges: \$100 to any team who finishes 1 SubQuery warm-up challenge and 1 Acala warm-up challenge. The best place to start is by referring to the master [Karura SubQuery Project](#) and its [GitHub repository](#).
 - SubQuery
 - Index the total, average, and median KAR amounts for the transfers that an account has send or received
 - Index the daily volume, highs, and lows for each trading pair on the DEX
 - For each liquidity pool, what account has contributed the largest total liquidity?
 - Karura
 - Create a simple custom UI for interacting with the Karura DEX
 - Create a portfolio page for Karura including KAR, KSM, and LP token balances. Include an approximate price of all the tokens in the portfolio

- **Challenge 1 (Intermediate): Build a Bot (\$3500 prizes)**
 - Build a DeFi bot that can leverage on-chain or aggregated data through SubQuery, and DeFi activity to capitalize on opportunities within the platform.
 - Ideas:
 - Arbitrage bots
 - Yield farming bots
 - **Prizes:**
 - 1st: **\$2500**
 - Eligible for an Acala Grant
 - Access to venture funding
 - Incubation and guidance from Acala/SubQuery devs
 - Karura, Acala, and SubQuery swag
 - Publicity and promotion by the Acala and SubQuery teams
 - 2nd: **\$1000**
 - Eligible for an Acala Grant
 - Access to venture funding
 - Incubation and guidance from Acala/SubQuery devs
 - Karura, Acala, and SubQuery swag
 - Publicity and promotion by the Acala and SubQuery teams
- **Challenge 2 (Intermediate): Build a dashboard or analytics tools (\$4000 prizes)**
 - Karura is a brand new network, so there is a big opportunity to build valuable tools for the ecosystem. Leverage SubQuery's data indexing services to build a tool based on Karura data.
 - Ideas:
 - Stablecoin loan monitoring and notification system
 - Dashboard like [Zapper.fi](#) for Karura
 - Dashboard like [Daistats](#)
 - **Prizes:**
 - 1st: **\$3000**
 - Eligible for an Acala Grant
 - Access to venture funding
 - Incubation and guidance from Acala/SubQuery devs
 - Karura, Acala, and SubQuery swag
 - Publicity and promotion by the Acala and SubQuery teams
 - 2nd: **\$1000**

- Eligible for an Acala Grant
- Access to venture funding
- Incubation and guidance from Acala/SubQuery devs
- Karura, Acala, and SubQuery swag
- Publicity and promotion by the Acala and SubQuery teams
- **Challenge 3 (Intermediate to Hard): Build a DeFi DApp (\$5500 prizes)**
 - Be the first to build a DApp on Karura. You can use apps.karura.network as a reference example for what's possible. We are looking for smart, intuitive applications that make DeFi accessible for everyone.
 - Ideas:
 - NFT + DeFi
 - Example: <https://aavegotchi.com/>
 - DeFi DApps
 - Fixed rate yield product
 - DEX
 - Synthetic Assets
 - Money Market
 - Derivatives
 - DAO
 - No-loss prize games
 - Example: <https://pooltogether.com/>
 - KAR HODL vault - use NFTs to gamify and encourage hodling
 - **Prizes:**
 - 1st: **\$3500**
 - Eligible for an Acala Grant
 - Access to venture funding
 - Incubation and guidance from Acala/SubQuery devs
 - Karura, Acala, and SubQuery swag
 - Publicity and promotion by the Acala and SubQuery teams
 - 2nd: **\$1500**
 - Eligible for an Acala Grant
 - Access to venture funding
 - Incubation and guidance from Acala/SubQuery devs
 - Karura, Acala, and SubQuery swag
 - Publicity and promotion by the Acala and SubQuery teams