

Darvin Raj P

Data Analyst

5 years of building onchain analytics infrastructure, from user behavior pipelines to liquidity risk monitoring, with a track record of turning blockchain data into decisions that **drove \$500M+ in inflows** and **flagged systemic risks** before they materialized.

Bengaluru, India

Willing to Relocate

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[mayonas.vercel.app](#)

EXPERIENCE

Swell Network, Remote (Sydney Time)

Data Lead

April 2024 - February 2026

- Built and automated a scalable ClickHouse SQL + Python Backend Data pipeline ingesting data from 150+ DeFi integrations, powering real-time user portfolio monitoring, vault KPIs, and exit liquidity health monitoring.
- Developed ML framework using k-Means Clustering, DBSCAN, and Louvain Community Detection to detect, flag, and penalize exploitative user behavior
- Investigated a falsely marketed integration that was later rug-pulled, flagging the returns as fake based on existing liquidity and yield dynamics, escalating to the Strategy Team with a recommendation to block the integration.
- Drove \$500M in protocol inflows by identifying outliers in liquidity concentration on Ethereum through onchain analysis.
- Produced monthly summaries and technical documentation for the Operations and Marketing Teams, cutting operational costs by 25% and reducing Mean Ticket Resolution time from 2+ days to 4 hours.
- Implemented HyperNative Risk Alerting Framework on suspicious liquidity movements, contract deployments, and code upgrades on partner integrations, providing operational risk coverage for Vault products

PYOR, Remote (Bengaluru)

Research Data Analyst

October 2022 - October 2024

- Devised a quantitative analysis framework with Cohort Segmentation to evaluate ROI and user retention of \$75M+ expenditure in Arbitrum DAO grants
- Built automated DBT pipelines transforming raw blockchain data into standardized growth and revenue KPIs and metrics, generating \$130K in ARR.
- Deployed high-traffic Dune Analytics dashboards to monitor LRT liquidity and peg health, translating ecosystem visibility into \$150K in DAO grants acquired.

Independent, Remote

Freelance Data Analyst

July 2021 - October 2022

- Built the Anchor Protocol Risk Monitoring dashboard, detected unsustainable borrows beyond unsustainable thresholds, and flagged systemic risk signals months before the eventual collapse.
- Automated the RociFi Credit Risk Reports, delivering daily updates on system health and borrow activity

SKILLS

Data Analysis & Visualization
Dashboard Building
KPI Frameworks
Schema Modelling
Statistical Modelling
Data Pipelines
Machine Learning
Regression Analysis
Liquidity Analysis
Control & Cohort Analysis
Clusters & Anomaly
Detection

TOOLS

Python
Pandas
Polars
Typescript
Superset
Looker
DBT
Clickhouse SQL
Snowflake
SciKit Learn
Dune Analytics
Linux
Git

EDUCATION

Christ University

Bengaluru

Master of Science - Physics
8.52 CGPA

April 2019 - April 2021

Bachelor of Science - Physics
8.92 CGPA

April 2016 - April 2019