

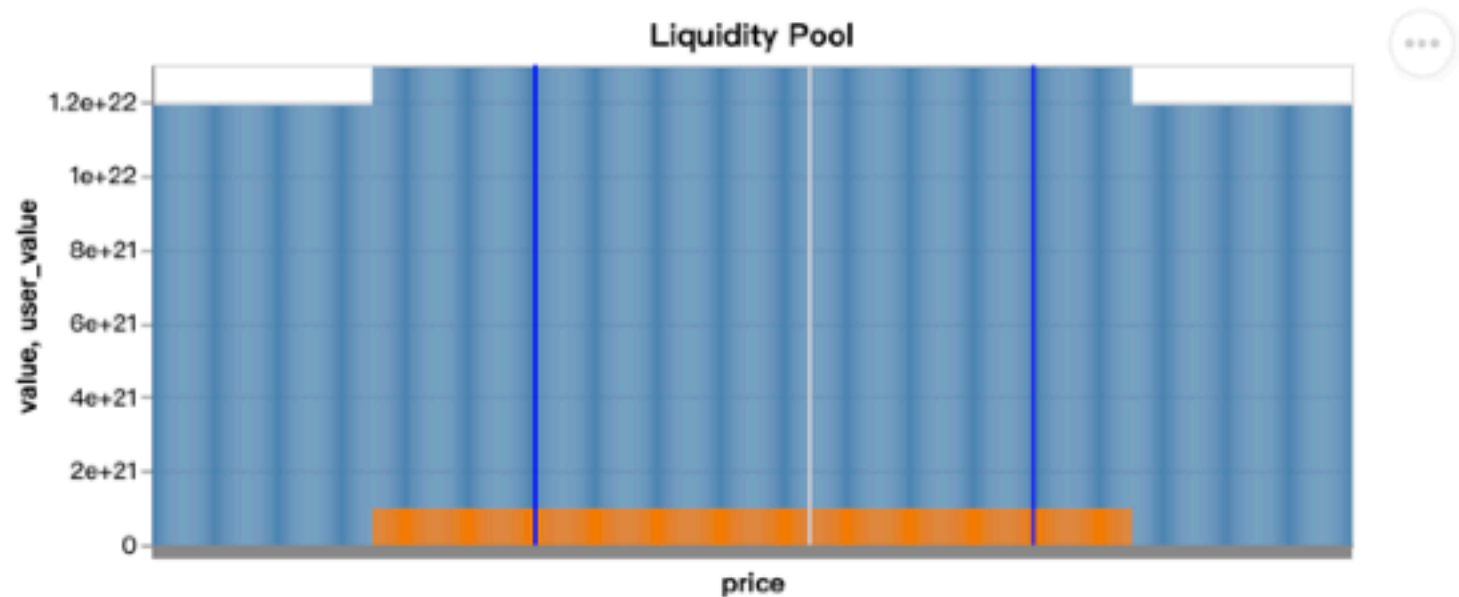
# Case Study - Uniswap Simulation

PERP/ETH - 1.0% pool [ init ] [ save ] [ update chart ] [ status page ]

## Uniswap V3 Calculator

- Token: PERP / ETH = 0.0036874509331284375 (Rate: 0.01)

### Liquidity Pool & Price & Volume



### Price & Volume

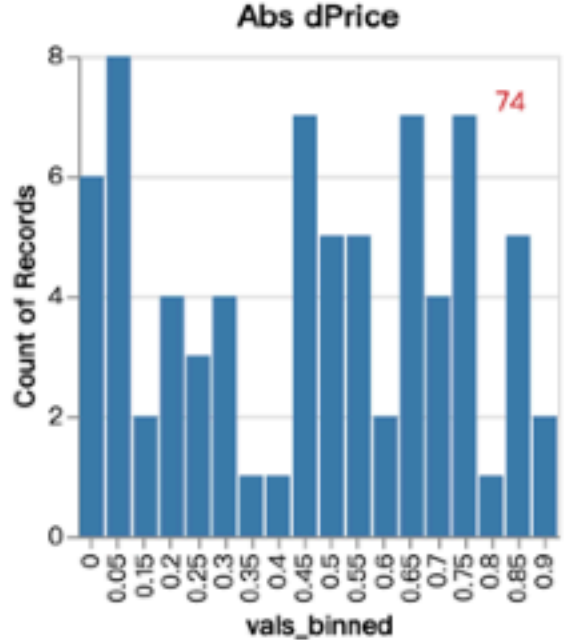
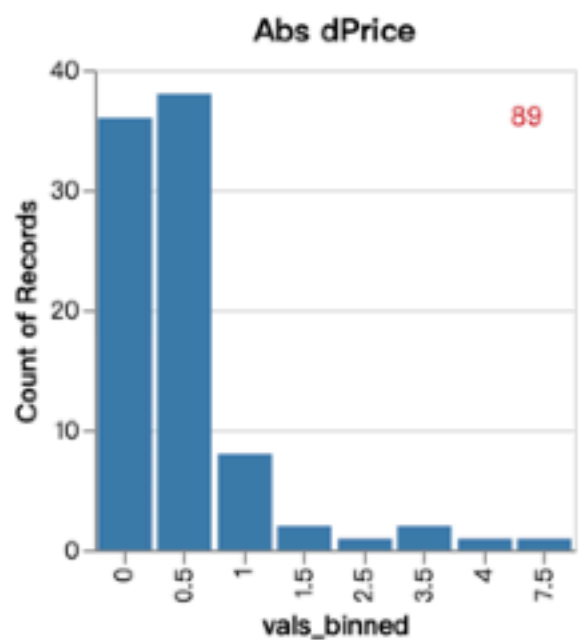
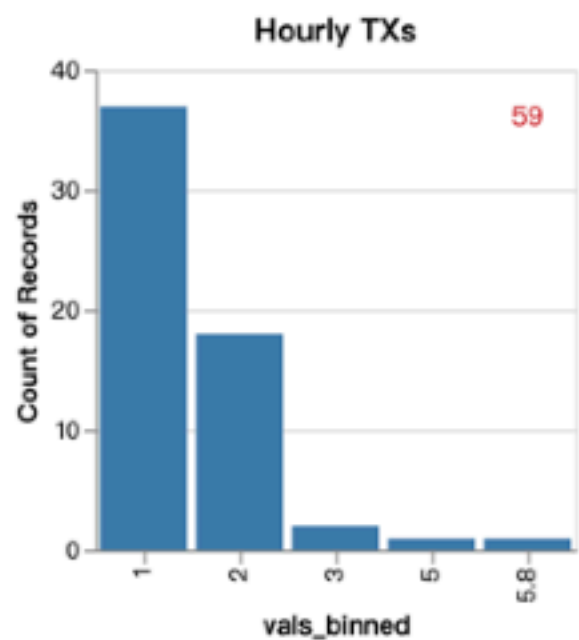


### Simulation

Begin Time: 2021-05-26 12:52:21 ( 0 )  
[ move begin ] [ move end ]  
End Time: 2021-06-02 01:05:59 ( 89 )  
[ move end ]

### Metrics

- Swap TXs = 90
- Avg Volume = 2.71
- Volume = 243.45
- Hourly TXs Mean = 1.53
- Hourly TXs Deviation = 0.93
- Absolute dPrice% Mean = 0.7887
- Absolute dPrice% Deviation = 1.0564



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Bot Configure

Bot initial config: {trigger\_position=>10000, :trigger\_price=>0.0005, :trigger\_time\_buffer=>14400, :adj\_position\_ratio=>1}

trigger\_position: 10000

trigger\_price: 0.0005

trigger\_time\_buffer: 14400

adj\_position\_ratio: 1

Single Simulation [ start simulation frontend ] [ start simulation backend ]

Multiple Simulation [ add to simulation queue ] [ run simulation queue ]

Liquidity

Lower Price: 0.00294996074650275

Upper Price: 0.004424941119754125

[ Price Range to 90% – 110% ]

[ Price Range to 80% – 120% ]

[ Price Range to 70% – 130% ]

Price in Range ( 2021-05-26 12:52:21 to 2021-06-02 01:05:59 ): 100 %

PERP : 0

ETH : 0

[ add liquidity ]

Liquidity Pool

User Liquidity Rate: 0.07790903934316536

[ clean liquidity ]

id	price_a	price_b	PERP	ETH	PERP_fee	ETH_fee
0	0.0025812156531899062	0.004793686213066969	2041.1808	10	31095741313465960000	88738724487178690
id	price_a	price_b	PERP	ETH	PERP_fee	ETH_fee