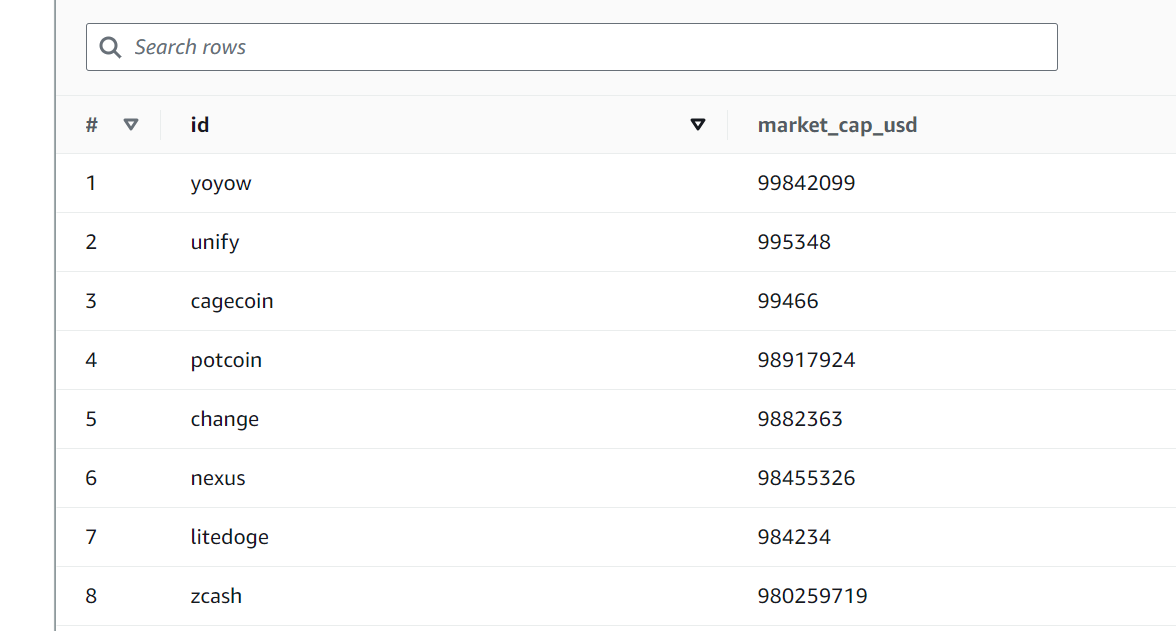
1. Find the top 10 cryptocurrencies by market capitalization

SELECT id, market\_cap\_usd

FROM cryptodb

ORDER BY market\_cap\_usd DESC

LIMIT 10;



Cryptocurrency with Highest Trading Volume

### SELECT \* FROM cryptodb

### ORDER BY CAST("24h\_volume\_usd" AS DECIMAL(38, 2)) DESC

### LIMIT 10;

### 

### 

### 

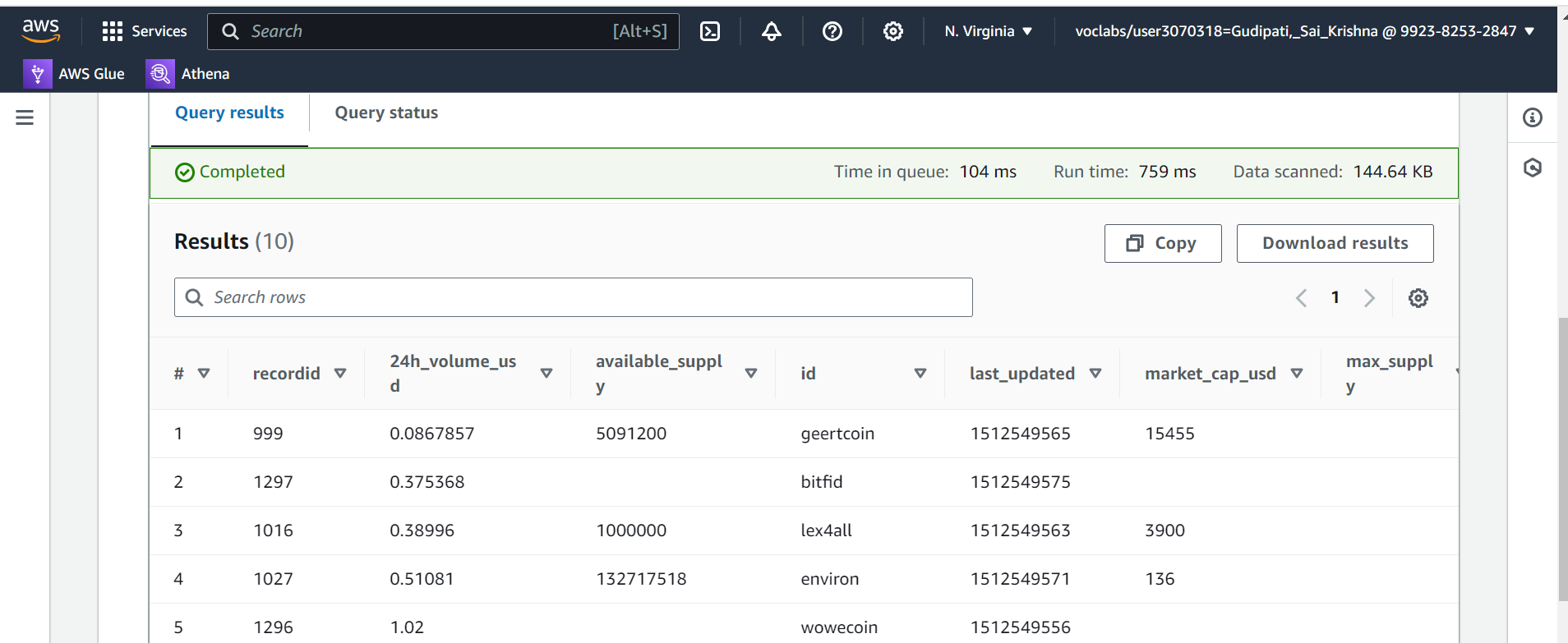
1. Cryptocurrency with the Lowest Trading Volume

SELECT \* FROM cryptodb

WHERE "24h\_volume\_usd" IS NOT NULL AND "24h\_volume\_usd" != 0.0

ORDER BY CAST("24h\_volume\_usd" AS DECIMAL(38, 2)) ASC

LIMIT 10;



1. Cryptocurrency with the Largest Price Increase

SELECT symbol,

MAX(CAST(price\_usd AS DECIMAL(38, 10))) AS max\_price,

MIN(CAST(price\_usd AS DECIMAL(38, 10))) AS min\_price,

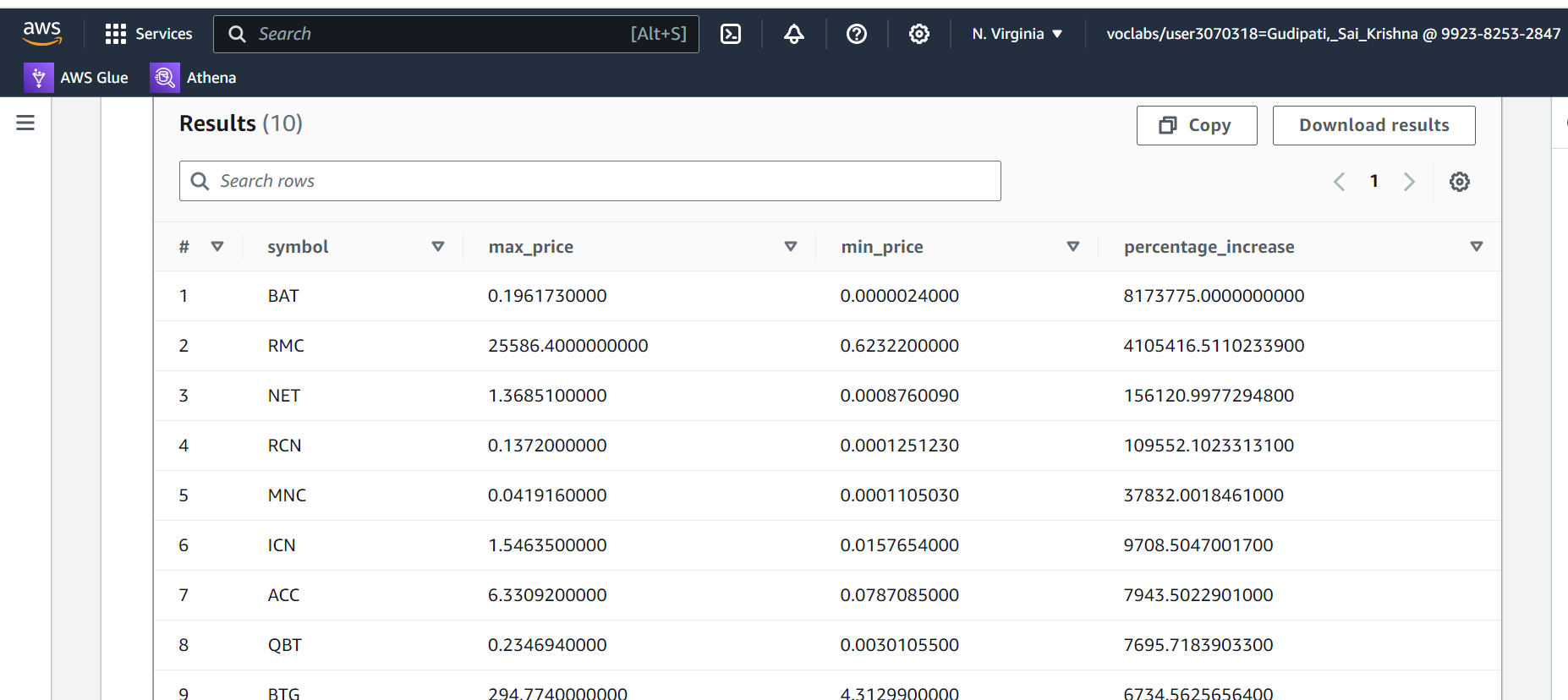
(((MAX(CAST(price\_usd AS DECIMAL(38, 10))) - MIN(CAST(price\_usd AS DECIMAL(38, 10)))) / MIN(CAST(price\_usd AS DECIMAL(38, 10)))) \* 100) AS percentage\_increase

FROM cryptodb

GROUP BY symbol

ORDER BY percentage\_increase DESC

LIMIT 10;



1. Cryptocurrency with the Largest Price Decrease

SELECT symbol,

MAX(CAST(price\_usd AS DECIMAL(38, 10))) AS max\_price,

MIN(CAST(price\_usd AS DECIMAL(38, 10))) AS min\_price,

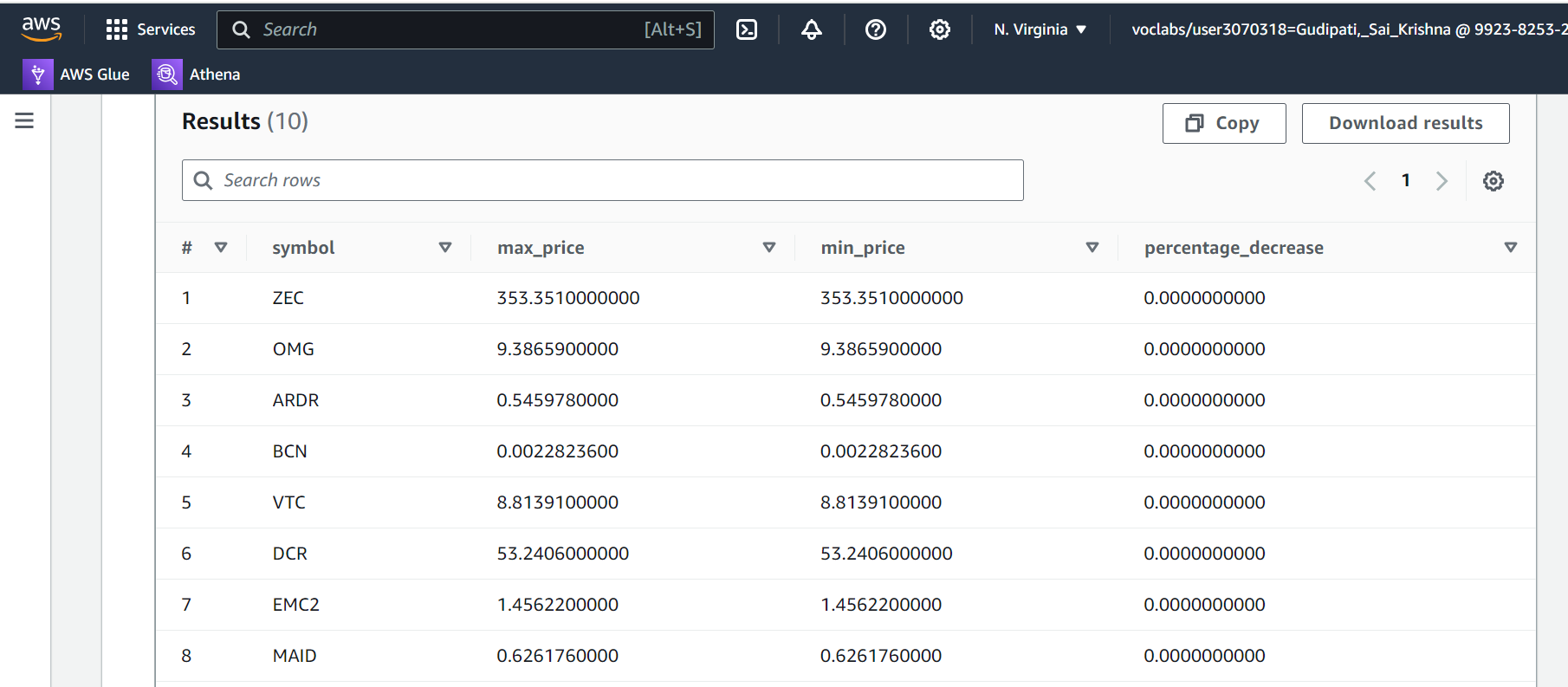
(((MIN(CAST(price\_usd AS DECIMAL(38, 10))) - MAX(CAST(price\_usd AS DECIMAL(38, 10)))) / MAX(CAST(price\_usd AS DECIMAL(38, 10)))) \* 100) AS percentage\_decrease

FROM cryptodb

GROUP BY symbol

ORDER BY percentage\_decrease DESC

LIMIT 10;



1. cryptocurrencies with the largest supply

SELECT id, max\_supply

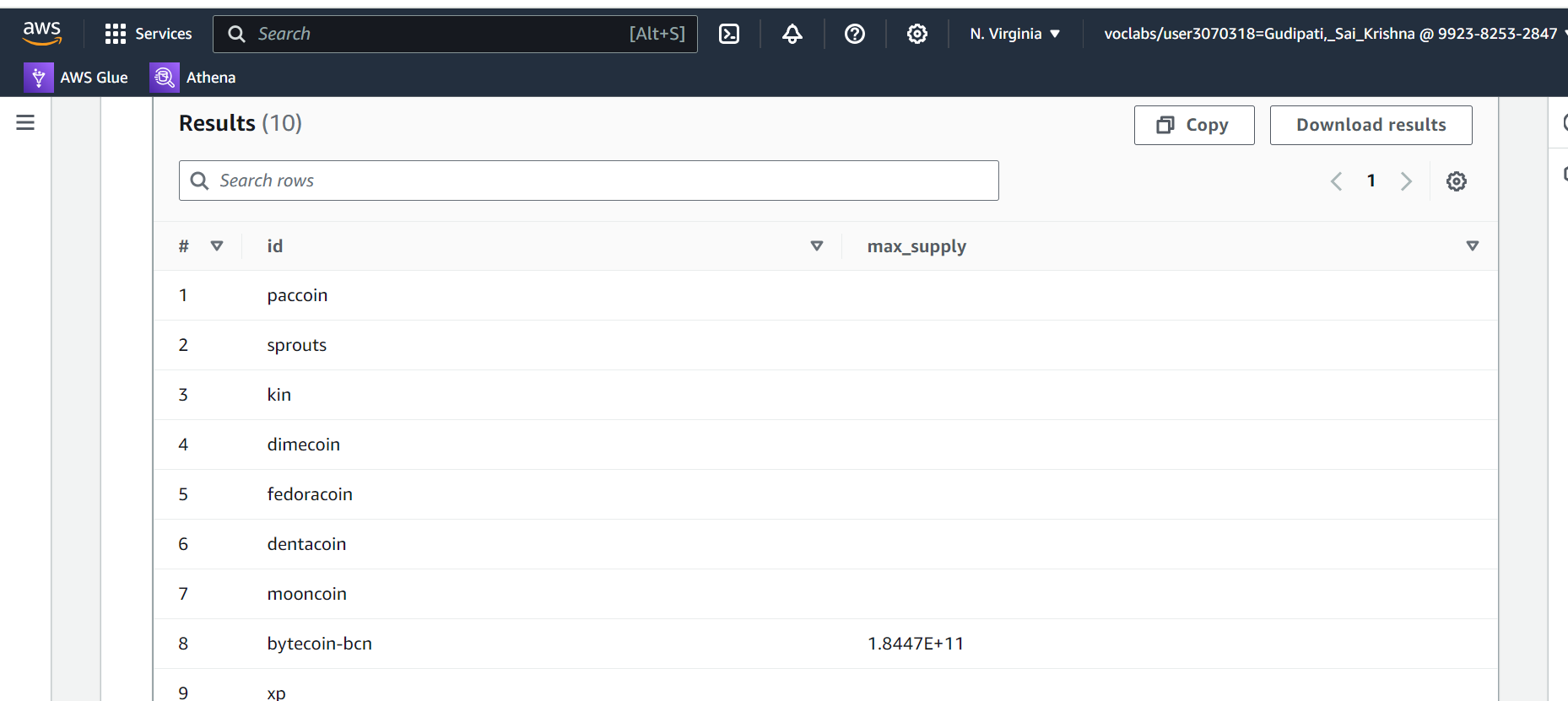
FROM cryptodb

WHERE available\_supply IS NOT NULL AND available\_supply != '' AND available\_supply != '0'

ORDER BY CAST(available\_supply AS DECIMAL(38, 0)) DESC

LIMIT 10;





1. Cryptocurrency with the Smallest Circulating Supply

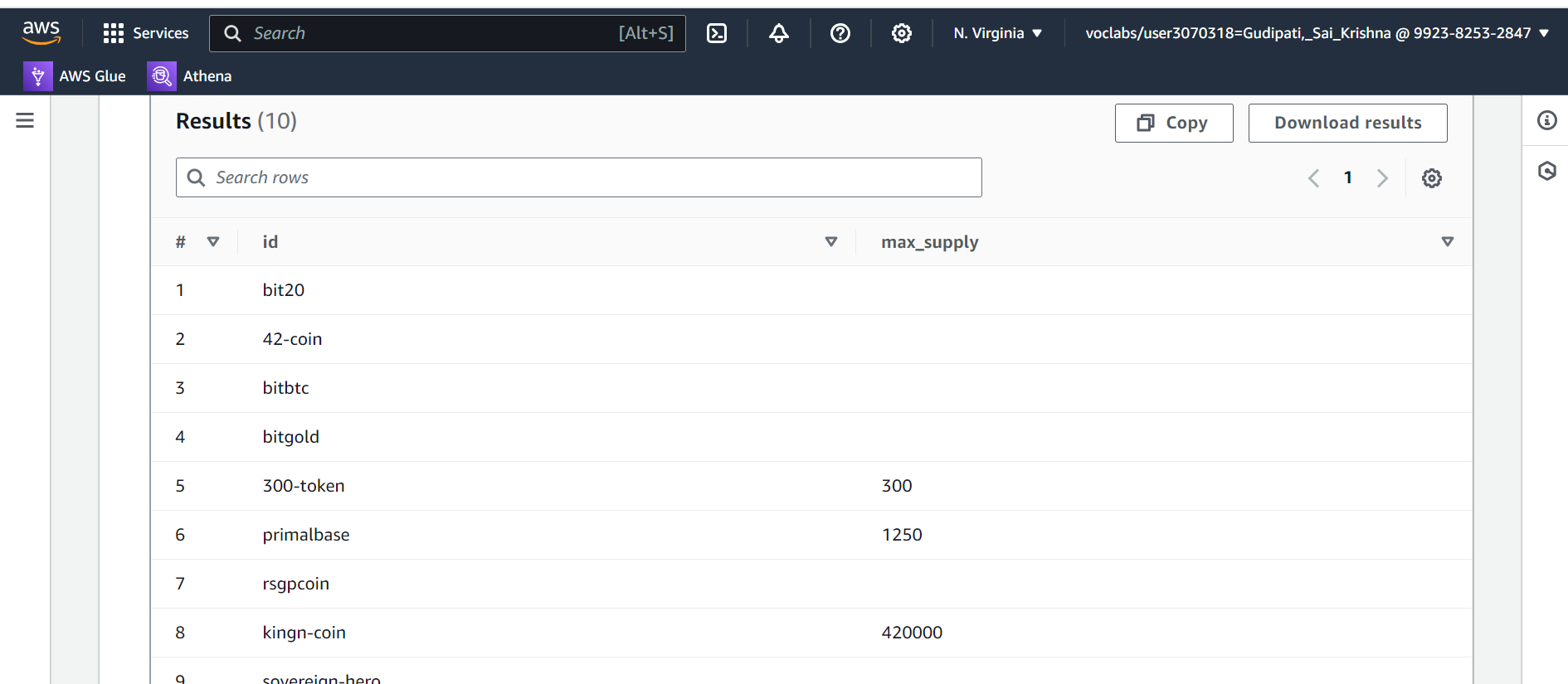
SELECT id, max\_supply

FROM cryptodb

WHERE available\_supply IS NOT NULL AND available\_supply != '' AND available\_supply != '0'

ORDER BY CAST(available\_supply AS DECIMAL(38, 0)) ASC

LIMIT 10;



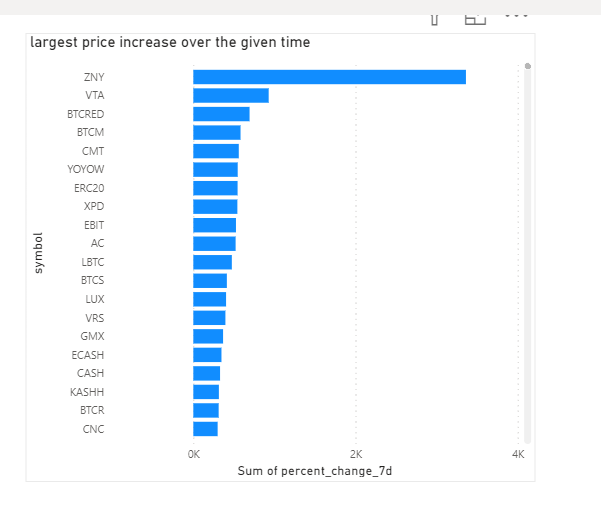
1. cryptocurrencies that have experienced the largest price increase over the given time period of seven days

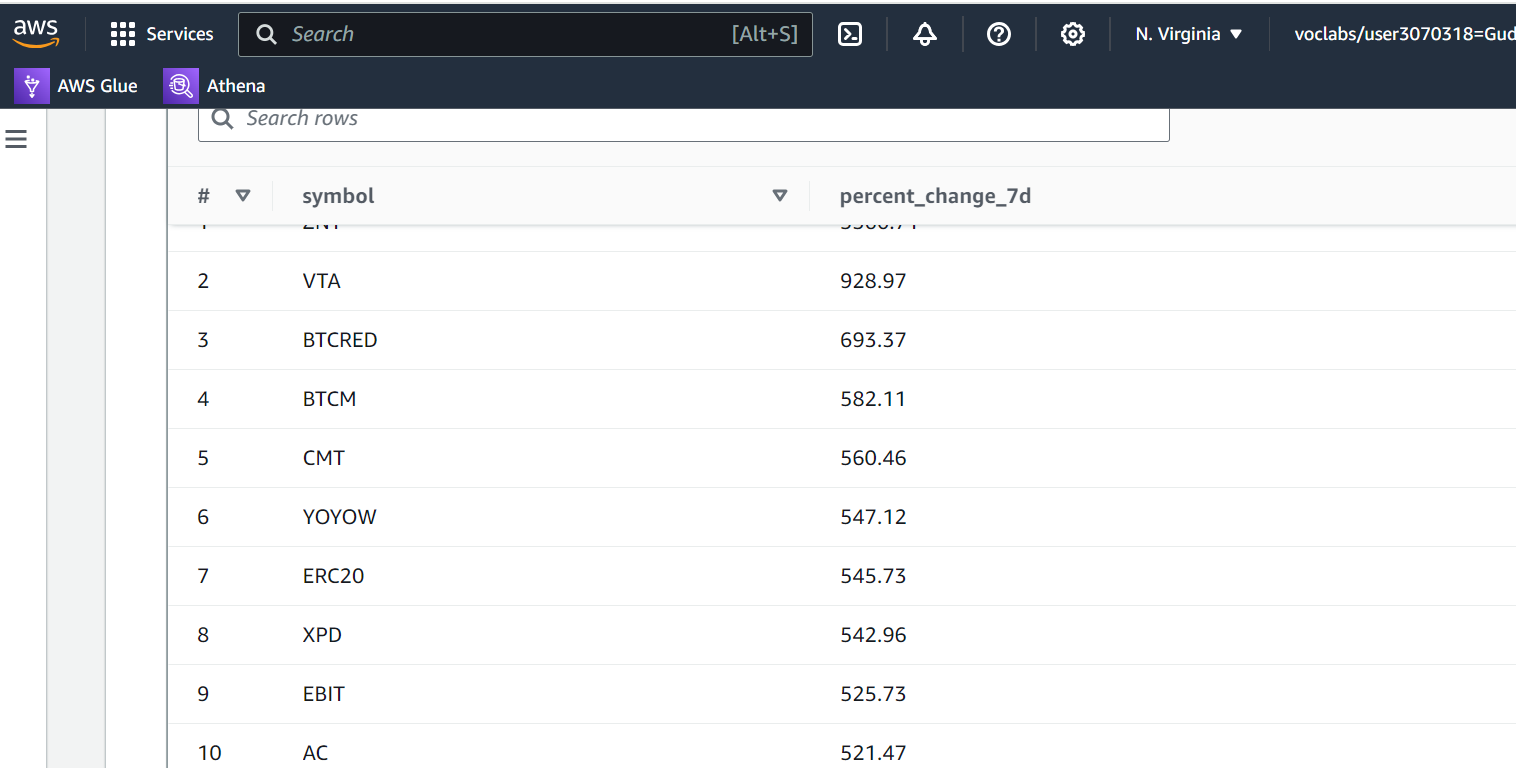
SELECT symbol, percent\_change\_7d

FROM cryptodb

ORDER BY "percent\_change\_7d" DESC

LIMIT 10;





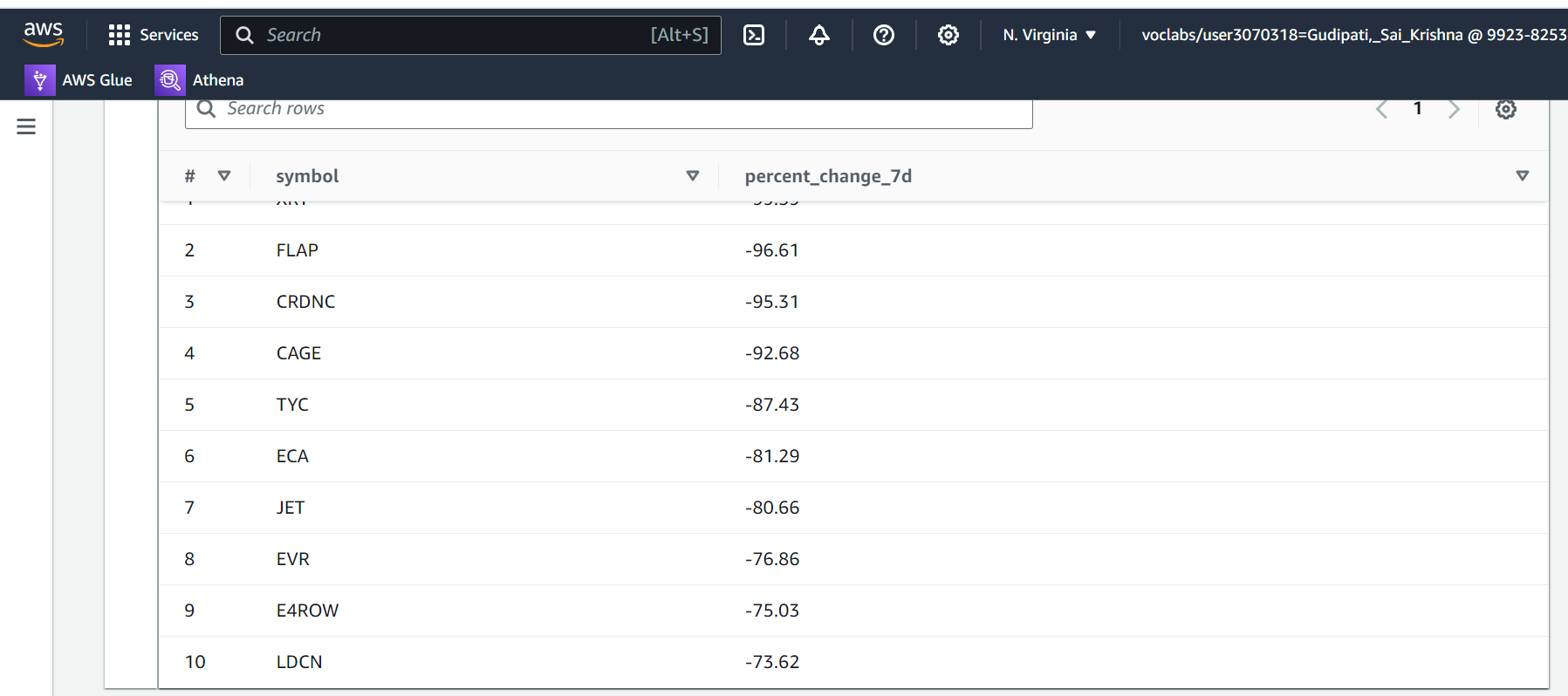
1. cryptocurrencies that have experienced the largest price decrease over the given time period.

SELECT symbol, percent\_change\_7d

FROM cryptodb

ORDER BY "percent\_change\_7d" ASC

LIMIT 10;



1. **Cryptocurrency Ranking Analysis:**

SELECT symbol, rank

FROM cryptodb

ORDER BY rank;

