

Query Type	Description	Dataset	Index Type	Microseconds
1 range	CREATE INDEX idx ON accounts (branch_name, account_type);	50,000	With	36712.8
	SELECT count(*) FROM accounts WHERE branch_name = "Mianus" AND balance BETWEEN 75000 AND 40000		without	41093.1
2 range	CREATE INDEX idx ON accounts (branch_name, account_type);	100,000	with	68619.6
	SELECT count(*) FROM accounts WHERE branch_name = "Mianus" AND balance BETWEEN 75000 AND 40000		without	82665.4
3 range	CREATE INDEX idx ON accounts (branch_name, account_type);	150,000	with	114989.6
	SELECT count(*) FROM accounts WHERE branch_name = "Mianus" AND balance BETWEEN 75000 AND 40000		without	121838.4

1 point	CREATE INDEX idx ON accounts (branch_name, account_type);	50,000	with	34971.4
	SELECT count(*) FROM accounts WHERE branch_name = "Mianus" AND balance = 50000		without	49098.8
2 point	CREATE INDEX idx ON accounts (branch_name, account_type);	100,000	with	73412.9
	SELECT count(*) FROM accounts WHERE branch_name = "Mianus" AND balance = 50000		without	79398.8
3 point	CREATE INDEX idx ON accounts (branch_name, account_type);	150,000	with	95977.1
	SELECT count(*) FROM accounts WHERE branch_name = "Mianus" AND balance = 50000		without	118430.0

Indexes are listed in the 'with' section of the table. Query used in the call is in the 'without' section.

Plotted Results

