Execution Time VS Matrix dimension Plot

Matrix Dimension	Execution Time (ms) [block_dim = 32]
32	13.3861
64	7.65542
128	3.82938
256	4.45654
512	2.7464
1024	5.21936
2048	39.2213
4096	192.399
8192	1252.45
16384	9787.84
32768	84851.1