

Normal TFLite Model (N)	
Accuracy (%)	0.99
Total Time Spent (sec)	95.09920716
AVG Inference (sec)	0.09509920716
Fastest Inference (sec)	0.09240937233
Slowest Inference (sec)	0.4614901543
File Size (bytes)	87206576

Pruned TFLite Model (P)	
Accuracy (%)	0.99
Total Time Spent (sec)	94.19771695
AVG Inference (sec)	0.09419771695
Fastest Inference (sec)	0.09148740768
Slowest Inference (sec)	0.3030946255
File Size (bytes)	87206576

Quantized TFLite model (Q)	
Accuracy (%)	0.988
Total Time Spent (sec)	51.0772841
AVG Inference (sec)	0.0510772841
Fastest Inference (sec)	0.04950237274
Slowest Inference (sec)	0.1044223309
File Size (bytes)	22244576

Pruned and Quantized TFLite Model (PQ)	
Accuracy (%)	0.99
Total Time Spent (sec)	50.93849921
AVG Inference (sec)	0.05093849921
Fastest Inference (sec)	0.0493543148
Slowest Inference (sec)	0.0655875206
File Size (bytes)	22244576

Comparison of the Slowest Inference Time (values rounded to 6 decimals)			
Models	Difference	Ratio	Percentage Increase
N to P	0.158396	1.522594	34.32%
N to Q	0.357068	4.419458	77.37%
N to PQ	0.395903	7.036249	85.79%
P to PQ	0.237507	4.621224	78.36%
Q to PQ	0.038835	1.592107	37.19%

Comparison of the Average Inference Time (values rounded to 6 decimals)			
Models	Difference	Ratio	Percentage Increase
N to P	0.000901	1.009570	0.95%
N to Q	0.044022	1.861869	46.29%
N to PQ	0.044161	1.866942	46.44%
P to PQ	0.043259	1.849244	45.49%
Q to PQ	0.000139	1.002725	0.27%

File Size Comparison		
Models	Difference	Percentage Decrease
N to Q	64962000	74.49%