

Sine Wave Interpolator					
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<i>X</i>	<i>SIN(X)</i>	<i>Predicted</i>	<i>MF</i>		
0	0		TRAIN		
0.785373	0.707089		TRAIN		
1.570746	1		TRAIN		
2.356119	0.70716		TRAIN		
3.141593	3.23E-15		TRAIN		
3.926991	-0.707107		TRAIN		
4.712389	-1		TRAIN		
5.497787	-0.707107		TRAIN		
6.283185	-6.46E-15		TRAIN		
0	0		TEST		
0.05	0.049979		TEST		
0.1	0.099833		TEST		
0.15	0.149438		TEST		
0.2	0.198669		TEST		
0.25	0.247404		TEST		
0.3	0.29552		TEST		
0.35	0.342898		TEST		
0.4	0.389418		TEST		
0.45	0.434966		TEST		
0.5	0.479426		TEST		
0.55	0.522687		TEST		
0.6	0.564642		TEST		
0.65	0.605186		TEST		
0.7	0.644218		TEST		
0.75	0.681639		TEST		
0.8	0.717356		TEST		
0.85	0.75128		TEST		
0.9	0.783327		TEST		
0.95	0.813416		TEST		
1	0.841471		TEST		
1.05	0.867423		TEST		
1.1	0.891207		TEST		
1.15	0.912764		TEST		
1.2	0.932039		TEST		
1.25	0.948985		TEST		
1.3	0.963558		TEST		
1.35	0.975723		TEST		
1.4	0.98545		TEST		
1.45	0.992713		TEST		
1.5	0.997495		TEST		

1.55	0.999784		TEST		
1.6	0.999574		TEST		
1.65	0.996865		TEST		
1.7	0.991665		TEST		
1.75	0.983986		TEST		
1.8	0.973848		TEST		
1.85	0.961275		TEST		
1.9	0.9463		TEST		
1.95	0.92896		TEST		
2	0.909297		TEST		
2.05	0.887362		TEST		
2.1	0.863209		TEST		
2.15	0.836899		TEST		
2.2	0.808496		TEST		
2.25	0.778073		TEST		
2.3	0.745705		TEST		
2.35	0.711473		TEST		
2.4	0.675463		TEST		
2.45	0.637765		TEST		
2.5	0.598472		TEST		
2.55	0.557684		TEST		
2.6	0.515501		TEST		
2.65	0.472031		TEST		
2.7	0.42738		TEST		
2.75	0.381661		TEST		
2.8	0.334988		TEST		
2.85	0.287478		TEST		
2.9	0.239249		TEST		
2.95	0.190423		TEST		
3	0.14112		TEST		
3.05	0.091465		TEST		
3.1	0.041581		TEST		
3.15	-0.008407		TEST		
3.2	-0.058374		TEST		
3.25	-0.108195		TEST		
3.3	-0.157746		TEST		
3.35	-0.206902		TEST		
3.4	-0.255541		TEST		
3.45	-0.303542		TEST		
3.5	-0.350783		TEST		
3.55	-0.397148		TEST		
3.6	-0.44252		TEST		
3.65	-0.486787		TEST		
3.7	-0.529836		TEST		

3.75	-0.571561		TEST		
3.8	-0.611858		TEST		
3.85	-0.650625		TEST		
3.9	-0.687766		TEST		
3.95	-0.723188		TEST		
4	-0.756802		TEST		
4.05	-0.788525		TEST		
4.1	-0.818277		TEST		
4.15	-0.845984		TEST		
4.2	-0.871576		TEST		
4.25	-0.894989		TEST		
4.3	-0.916166		TEST		
4.35	-0.935053		TEST		
4.4	-0.951602		TEST		
4.45	-0.965773		TEST		
4.5	-0.97753		TEST		
4.55	-0.986844		TEST		
4.6	-0.993691		TEST		
4.65	-0.998054		TEST		
4.7	-0.999923		TEST		
4.75	-0.999293		TEST		
4.8	-0.996165		TEST		
4.85	-0.990547		TEST		
4.9	-0.982453		TEST		
4.95	-0.971903		TEST		
5	-0.958924		TEST		
5.05	-0.943549		TEST		
5.1	-0.925815		TEST		
5.15	-0.905767		TEST		
5.2	-0.883455		TEST		
5.25	-0.858934		TEST		
5.3	-0.832267		TEST		
5.35	-0.80352		TEST		
5.4	-0.772764		TEST		
5.45	-0.740077		TEST		
5.5	-0.70554		TEST		
5.55	-0.66924		TEST		
5.6	-0.631267		TEST		
5.65	-0.591716		TEST		
5.7	-0.550686		TEST		
5.75	-0.508279		TEST		
5.8	-0.464602		TEST		
5.85	-0.419764		TEST		
5.9	-0.373877		TEST		

Sheet1

5.95	-0.327055		TEST		
6	-0.279415		TEST		
6.05	-0.231078		TEST		
6.1	-0.182163		TEST		
6.15	-0.132792		TEST		
6.2	-0.083089		TEST		
6.25	-0.033179		TEST		
6.3	0.016814		TEST		