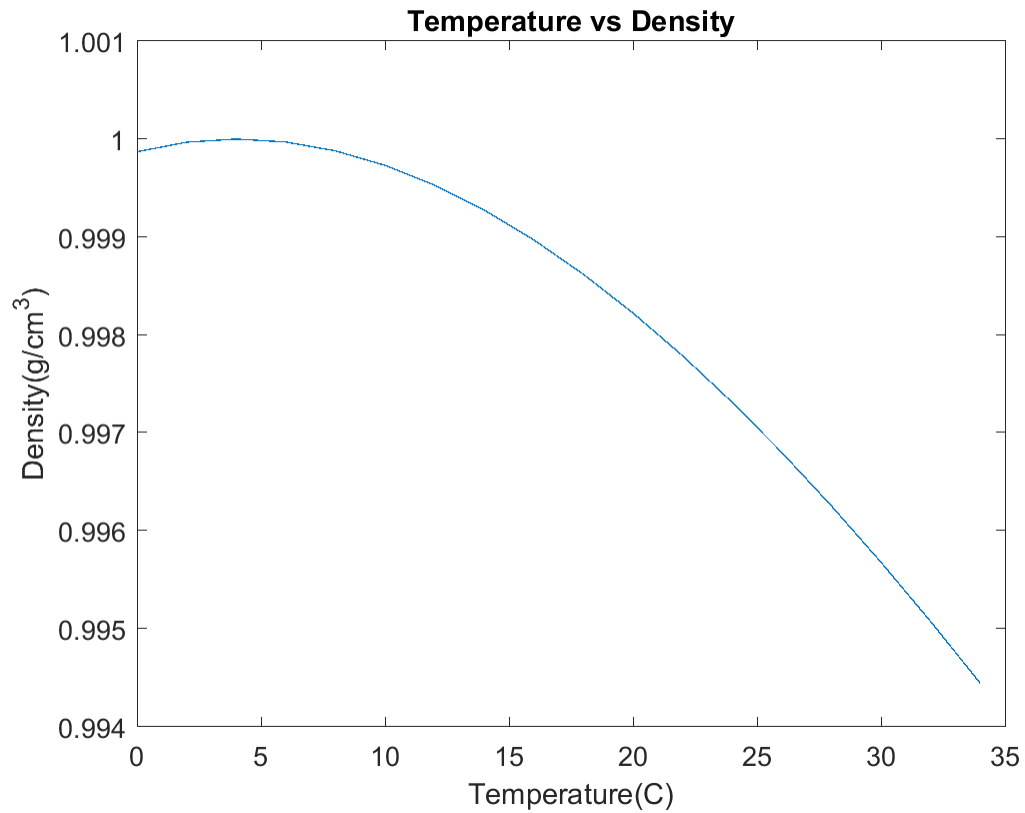

```
TF = 32:3.6:93.2;  
TC = 5/9*(TF-32);  
rho = 5.5289e-8*TC.^3-8.5016e-6*TC.^2+6.5622e-5*TC+0.99987;
```

```
plot(TC,rho)  
title 'Temperature vs Density'  
xlabel 'Temperature(C)'  
ylabel 'Density(g/cm^3)'
```



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