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118CS0597  
Machine Learning Lab - IV  
28<sup>th</sup> September 2021

Output:

Correlation matrix

```
[[1.0,  
  -0.335642195508513,  
  -0.3785606178715616,  
  -0.32099978976972116,  
  -0.3010897113958365,  
  -0.25050229252073214],  
 [-0.335642195508513,  
  1.0,  
  0.7581573478037231,  
  0.5347290904835281,  
  0.5171892214181076,  
  0.2669074311252619],  
 [-0.3785606178715616,  
  0.7581573478037232,  
  1.0000000000000002,  
  0.5379898185263052,  
  0.5605134214806345,  
  0.5272461816383357],  
 [-0.32099978976972116,  
  0.5347290904835281,  
  0.5379898185263051,  
  1.0000000000000004,  
  0.5822454590800031,  
  0.48784576802832064],  
 [-0.3010897113958365,  
  0.5171892214181076,  
  0.5605134214806345,  
  0.5822454590800031,  
  1.0,  
  0.5482812070286769],  
 [-0.2505022925207322,  
  0.2669074311252619,  
  0.5272461816383357,  
  0.4878457680283206,  
  0.5482812070286769,  
  1.0]]
```

Correlation with PRP:

MYCT: -0.3070994470957124

