

CHE221 Computational Assignment

Name: Ishan Singh

Roll No: 200457

Used modified Raoult's law with activity coefficients given by the **Wilson model** to study the 1Butanol & 1,2 Propanediol system. Used **python** to compute a) isobaric T vs x, y diagram b) y vs x diagram. Also compare with the experimental results provided to you. Use Antoine's equation to compute saturated pressure.

Plots Obtained:



