

# Ma323-LAB 04

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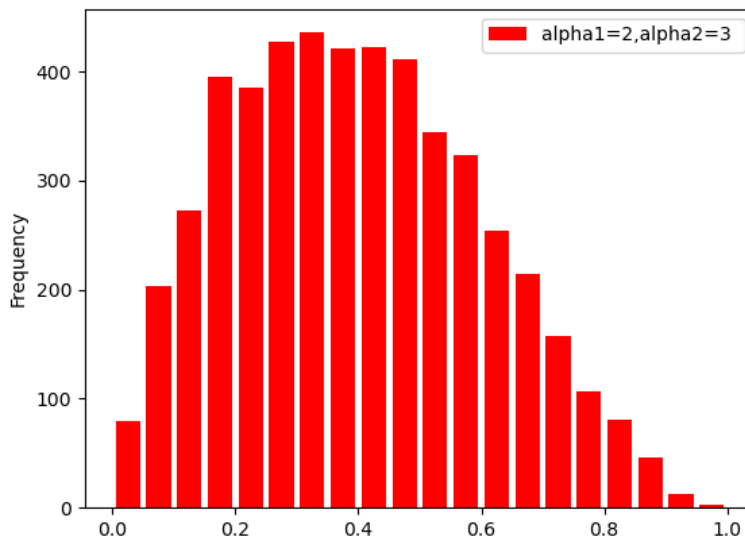
**Submission Date:** 30-09-2020

1. Value of  $\alpha_1 = 2$

Value of  $\alpha_2 = 3$

Value of  $x^* = 0.3333$

Value of  $f(x^*) = 1.7777777777777781$

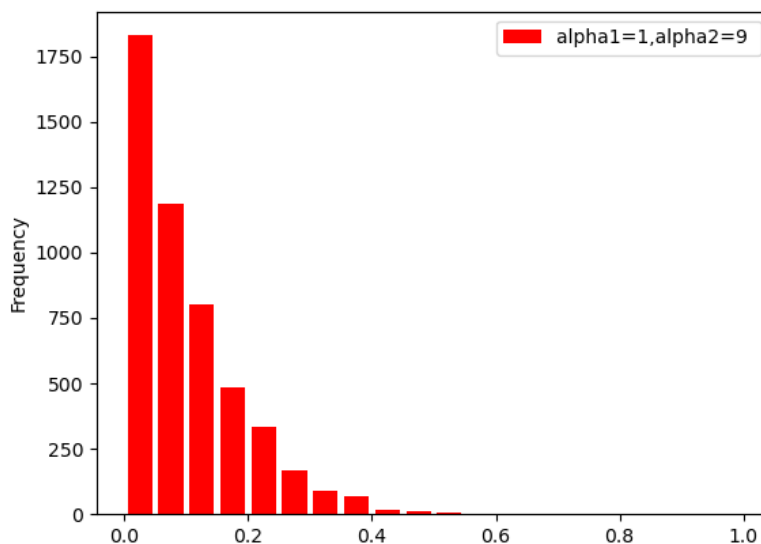


2. Value of  $\alpha_1 = 1$

Value of  $\alpha_2 = 9$

Value of  $x^* = 0.0$

Value of  $f(x^*) = 9.000000000000002$

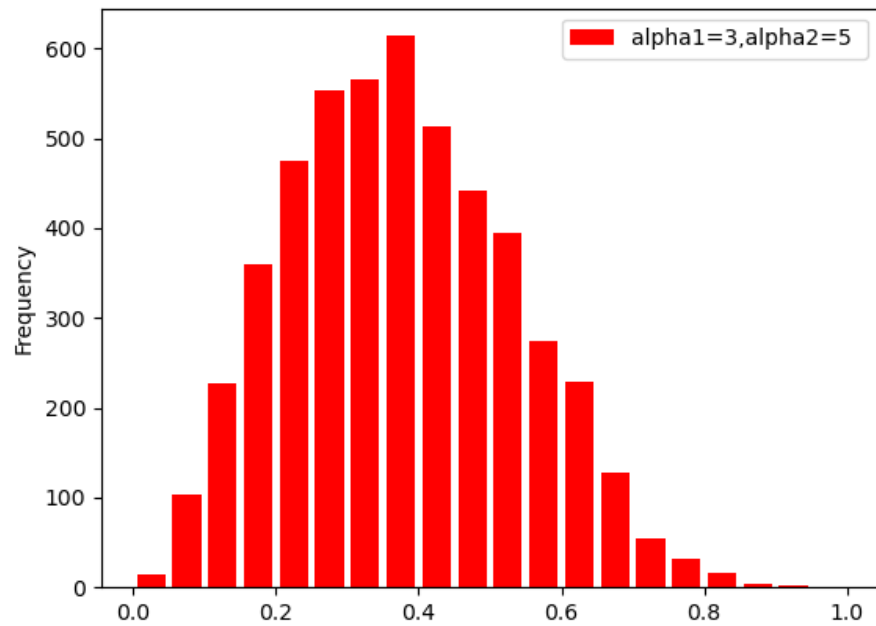


3. Value of  $\alpha_1 = 3$

Value of  $\alpha_2 = 5$

Value of  $x^* = 0.333$

Value of  $f(x^*) = 2.304526748971193$

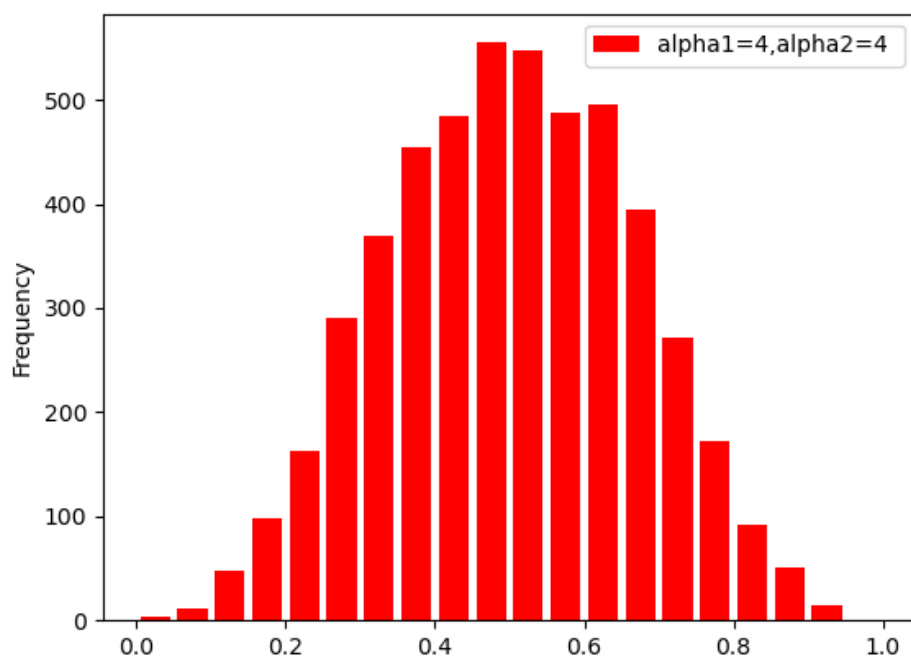


4. Value of  $\alpha_1 = 4$

Value of  $\alpha_2 = 4$

Value of  $x^* = 0.5$

Value of  $f(x^*) = 2.1875$



5. Value of  $\alpha_1 = 7$

Value of  $\alpha_2 = 5$

Value of  $x^* = 0.6$

Value of  $f(x^*) = 2.7590492159999997$

