Markdown subscript & italics: $p\_{new}$ - $p\_{old}$

for \_ in range(10000):

new\_page\_converted = np.random.choice(2, n\_new, p=[p\_new, 1-p\_new])

old\_page\_converted = np.random.choice(2, n\_old, p=[p\_old, 1-p\_old])

p\_diff = (new\_page\_converted).mean() - (old\_page\_converted).mean()

p\_diffs.append(p\_diff)

p\_diffs = []

size = df2.shape[0]

for \_ in range(10000):

b\_samp = df2.sample(size, replace = True)

new\_df = b\_samp.query('landing\_page == "new\_page"')

old\_df = b\_samp.query('landing\_page == "old\_page"')

new\_ctr = new\_df.query('converted == "1"').user\_id.count() / new\_df.user\_id.count()

old\_ctr = old\_df.query('converted == "1"').user\_id.count() / old\_df.user\_id.count()

p\_diffs.append(new\_ctr - old\_ctr)