```
import numpy as np
def calculate(list):
   if len(list) != 9 :
       raise ValueError("List must contain nine numbers.")
   list = np.array(list).reshape((3,3))
   calculations = {}
   calculations['mean'] = [list.mean(axis=0).tolist(), list.mean(axis=1).tolist(), np.mean(list).tolist()]
   calculations['variance']= [list.var(axis =0).tolist(), list.var(axis =1).tolist(), np.var(list).tolist()]
   calculations['std_dev'] = [list.std(axis =0).tolist(), list.std(axis =1).tolist(), np.std(list).tolist()]
   calculations['max'] = [list.max(axis =0).tolist(), list.max(axis =1).tolist(), np.max(list).tolist()]
   calculations['min'] = [list.min(axis =0).tolist(), list.min(axis =1).tolist(), np.min(list).tolist()]
   calculations['sum'] = [list.sum(axis =0).tolist(), list.sum(axis =1).tolist(), np.sum(list).tolist()]
   return calculations
print(calculate([0,1,2,3,4,5,6,7,8,]))
489742783178, 2.449489742783178, 2.449489742783178], [0.816496580927726, 0.816496580927726, 0.816496580927726], 2.581988897471611], 'max': [[6, 7, 8], [2, 5, 8], 8], 'min': [[0, 1,
2], [0, 3, 6], 0], 'sum': [[9, 12, 15], [3, 12, 21], 36]}
```