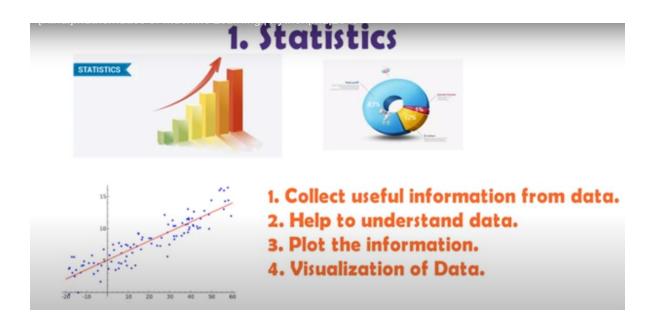
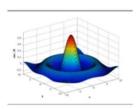
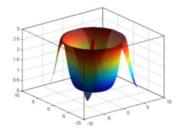
- 1. Statistics
- 2. Calculus
- 3. Linear Algebra
- 4. Probability

Statistics is a main branch of ML or mathmatics



2. Calculus

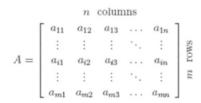




- 1. Pattern variations in data.
- 2. Model changes with respect to time.
- 3. Algorithm Optimization.
- 4. Algorithm behaviour analysis.



3. Linear Algebra

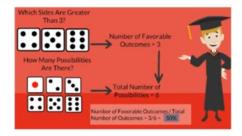


Linear Algebra (Stock Example)



- 1. Run all kinds of algos on various types of datasets.
- 2. All kinds of regressions.
- 3. Model optimization

4. Probability





Helps you to predict the outcome.
Predict the likelihood of an event occurence.

Ех