|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Hypothesis function | Cost function | Cost function with regularization | Gradient descent |
| Generic non-logistic function |  |  |  | Simultaneously update |
| Linear regression with 1 variable |  |  |  |  |
| Multivariate linear regression | If set |  |  |  |
| Polynomial regression |  |  |  |  |
| Logistic regression |  |  | + |  |
|  |  |  |  |  |
|  |  |  |  |  |