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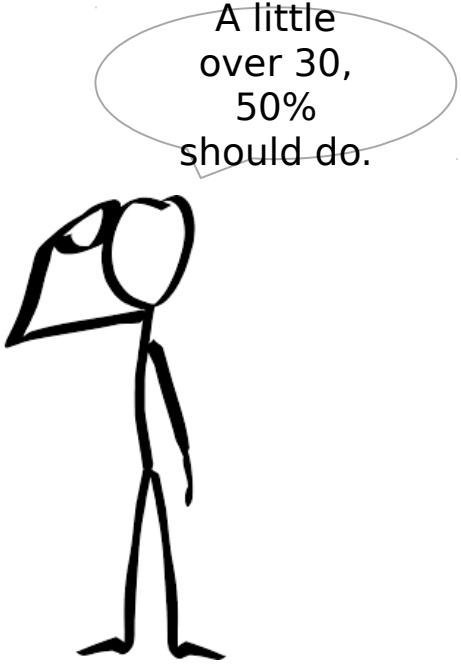

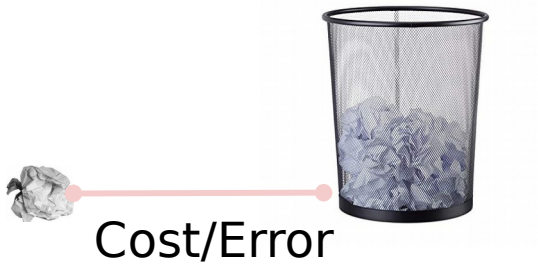

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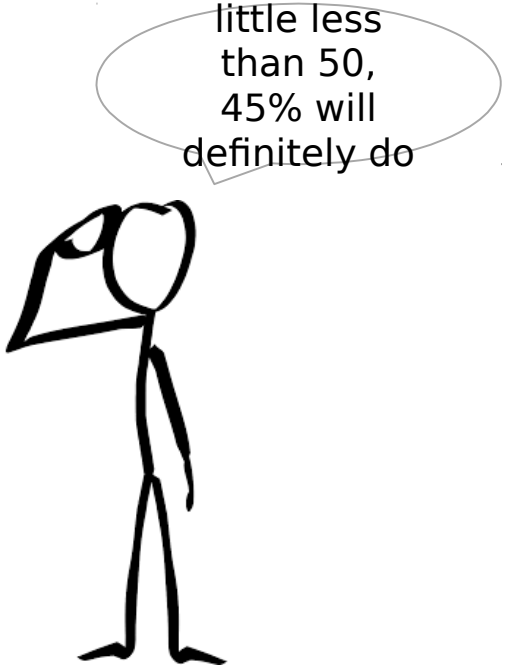

Cost/Error

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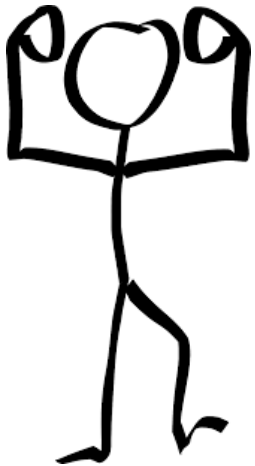

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Random
Initialisation

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Random
Initialisation

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Random
Initialisation

Generating
Predictions

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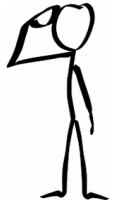
Random
Initialisation

Generating
Predictions



Cost/Error

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Random
Initialisation

Generating
Predictions

Calculating
cost

Cost/Error

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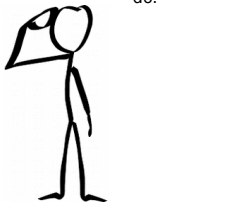
Random
Initialisation

Generating
Predictions

Calculating
cost

Cost/Error



Cost/Error

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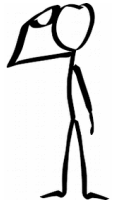
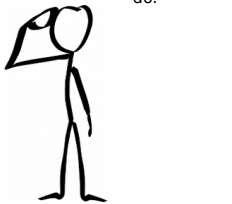
Random
Initialisation

Generating
Predictions



Calculating
cost

Cost/Error



Updating
parameters

Cost/Error

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Random Initialisation

Generating Predictions

Calculating cost

Updating parameters

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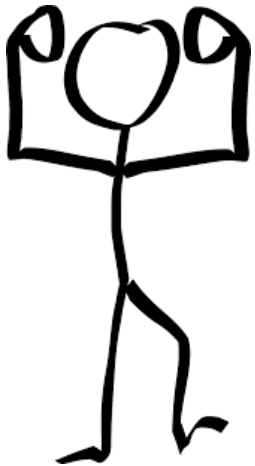

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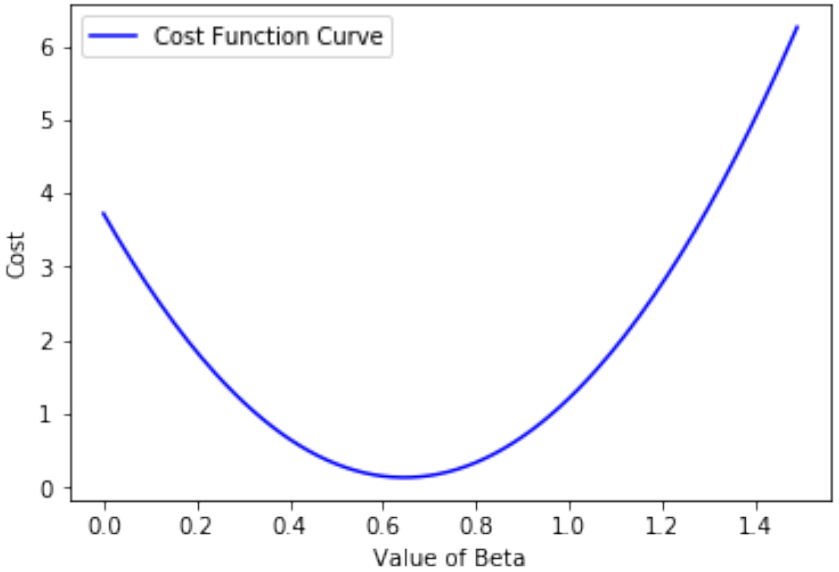
- Optimisation Technique



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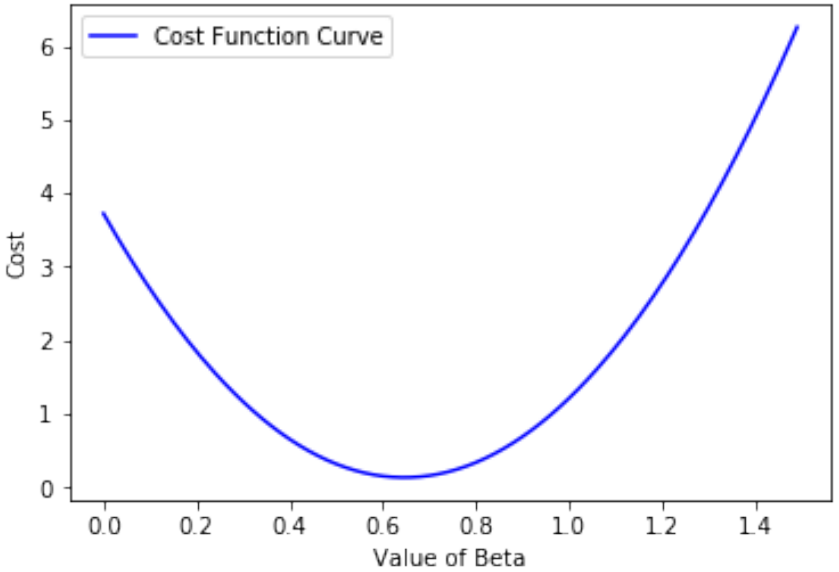
- Optimisation Technique
- Minimises error generated



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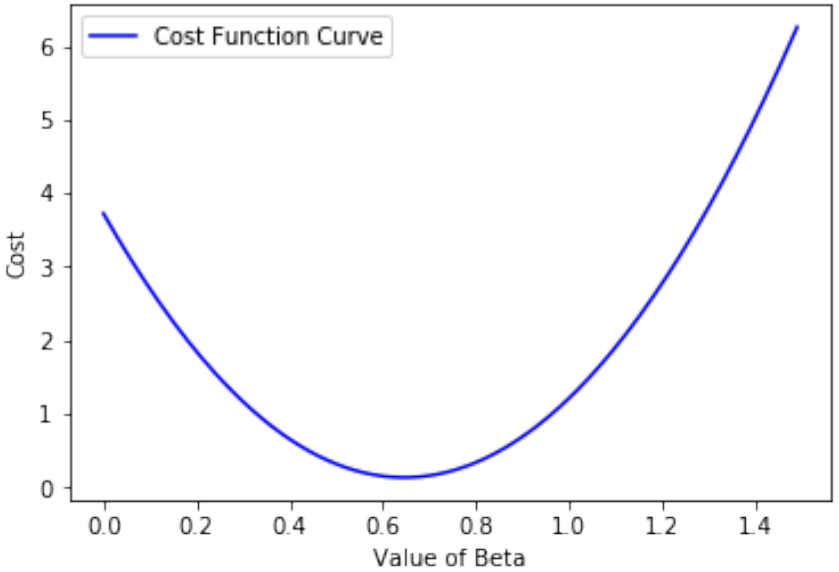
Intuition to Gradient Descent

- Optimisation Technique
- Minimises error generated
- Works Iteratively



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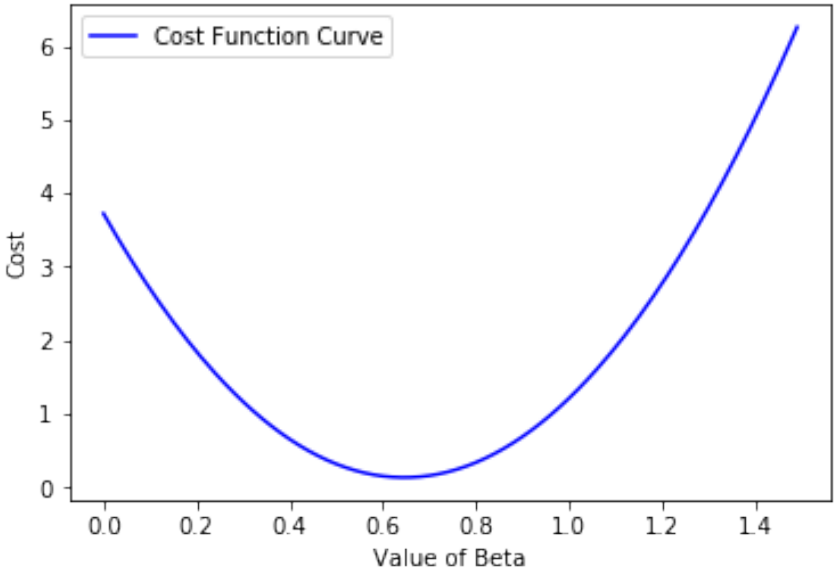
Intuition to Gradient Descent

- Optimisation Technique
- Minimises error generated
- Works Iteratively
- Calculating error at each iteration



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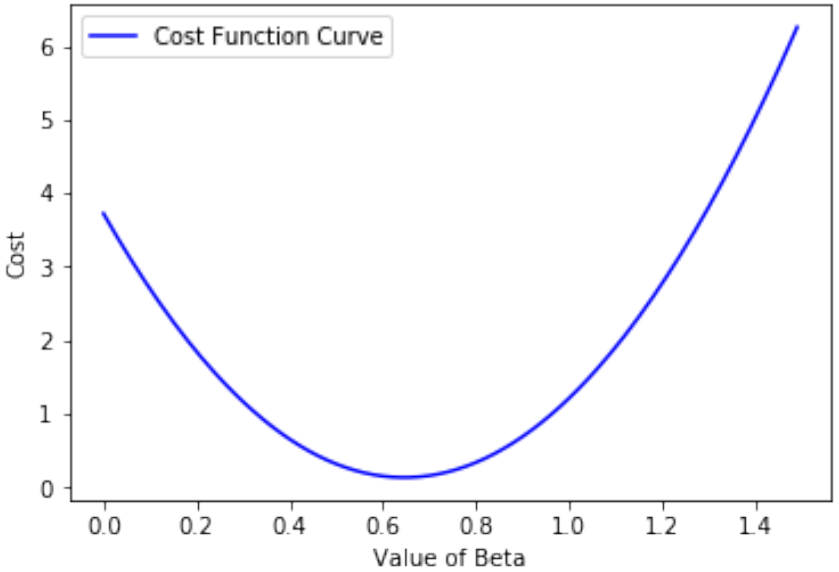
Intuition to Gradient Descent

- Optimisation Technique
- Minimises error generated
- Works Iteratively
- Calculating error at each iteration
- Optimizes Model Parameters



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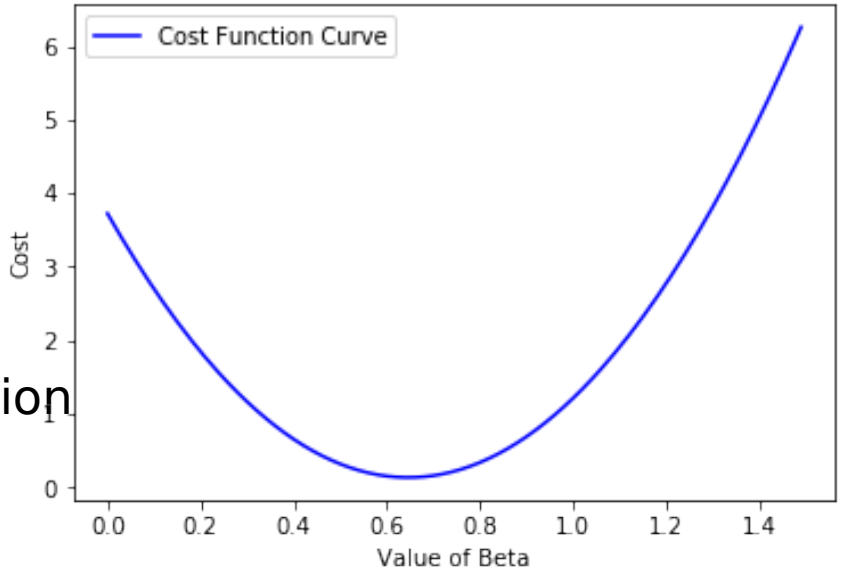
- Optimisation Technique
- Minimises error generated
- Works Iteratively
- Calculating error at each iteration
- Optimizes Model Parameters
- Until model converges to Minimal cost



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