

Basics of Neural Network Programming

Computation Graph

deeplearning.ai

Computation Graph

$$J(a,b,c) = 3(a+bc) = 3(5+3n^2) = 33$$
 $U = bc$
 $V = atu$
 $J = 3v$
 $U = bc$
 $U = bc$



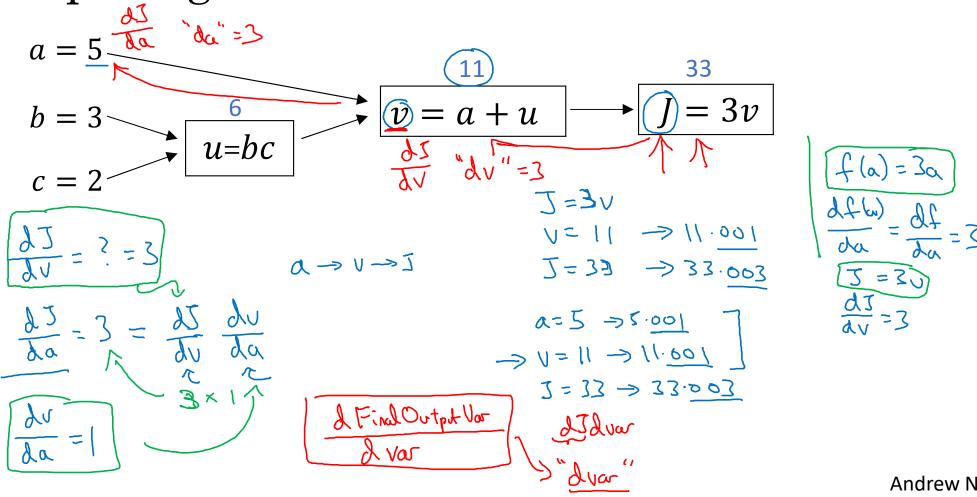
Network Programming

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Derivatives with a Computation Graph

Basics of Neural

Computing derivatives



Andrew Ng

Computing derivatives

$$a = 5$$

$$b = 3$$

$$b = 3$$

$$c = 2$$

$$du = 3$$

$$du =$$