



Calculus and Cost Functions

8/29/2019

Today's Lesson

Learning Objectives

- Explain how derivatives can be applied to cost functions
- Identify potential issues related to calculating derivatives

Activities

- Calculus and Cost Functions Lecture
- Summary and Exit Ticket

Pair Discussion Question #1

Why might it be valuable to be able to find a function's minimum, and how might derivatives allow us to do that?

Pair Discussion Question #2

How might you know if your model was having issues related to calculating derivatives?

Pair Discussion Question #3

How do our machine learning models use derivatives and cost functions?

Summary and Exit Ticket