Suppose you are learning to recognize cars from 100×100 pixel images (grayscale, not RGB). Let the features be pixel intensity values. If you train logistic regression including all the quadratic terms ($x_i x_j$) as features, about how many features will you have?

○ 5,000

○ 100,000

◉ 50 million (5×10^7)

Correct

○ 5 billion (5×10^9)

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