B_Case

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Contents

Problem

You run a sushi restaurant in Seoul. You buy a fish for $3 at the fish market and sell them as a sushi for $6. If you can't sell all the fish on that day, you'll have to resell it for $1.5 per fish in the fish market. When the demand for sushi is as shown in the table below, answer to questions.

d	30	31	32	33	34
$P(D = d)$	0.4	0.1	0.1	0.2	0.2

Question.

1. Find Optimal stock
2. What is Expected profit?