

$$8 + 7 + 4 + 13 + 5 + 2 + 4 + 2 = \underline{49}$$

Field	Average Size (Characters)
Order number ✓	8
Date ✓	7
Cust ID ✓	4
Last name ✓	13
First name ✓	9
State ✓	2
Amount ✓	4
Tax rate ✓	2
Record size	<input type="text"/> ?
Overhead	30%
Total record size	<input type="text"/> ?
Initial table size	50,000
Initial table volume	<input type="text"/> ?
Growth rate/month	1000
Table volume @ 3 years	<input type="text"/> ?

Total record size = Record size +
Record size x Overhead(%)

$$\text{Total record size} = 49 + 49 \times 30\% \\ = 63.7$$

→ number of rows

Table volume = Total record size x Table size

$$= 63.7 \times 50000 \\ = 3185000$$

After 3 years,

$$\text{Record size} = 50000 + 36 \times 1000 \\ = 86000$$

$$\text{Table volume} = 63.7 \times 86000 \\ = 5478200$$