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|--------------------------|------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | X_i : | 1 | 2 | 3 | 4 | 5 | 6 |
| | $p(X_i)$: | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{4}$ | $\frac{1}{4}$ |
| | Code: | 000 | 001 | 010 | 011 | 10 | 11 |
| $L = -\log_2 (p(X_i))$: | | 3 | 3 | 3 | 3 | 2 | 2 |