## Selection Sort

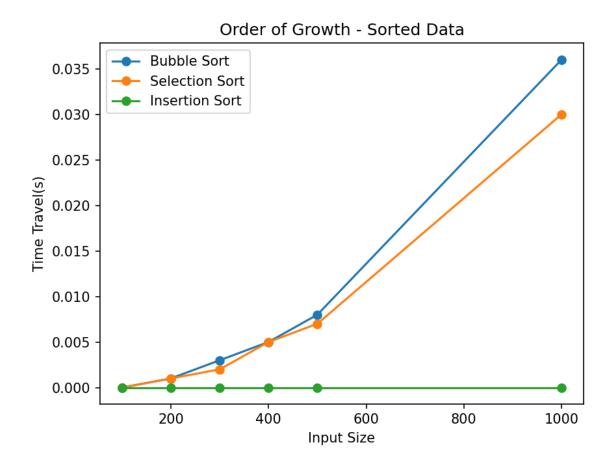
| A L G O R I T H M A | L G O R I T H M A G | L O R I T H M A G H | O R I T L M A G H | I R O T L M A G H I L M | T R O A G H I L M | T R O A G H I L M O R T I A G H I L M O R T I A G H I L M O R T I

## **Bubble Sort**

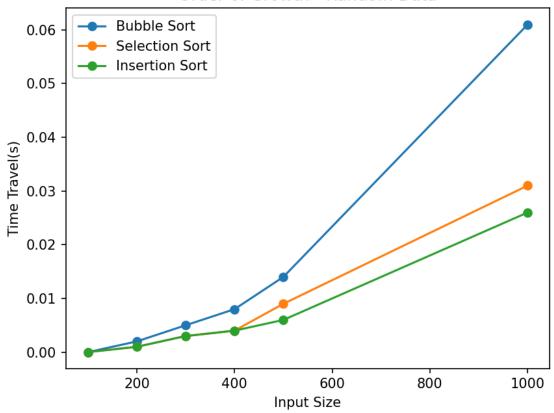
AGLOR $\longleftrightarrow$ ITHM
AGLOIRI $\longleftrightarrow$ HM
AGLOIRHI $\longleftrightarrow$ M
AGLOORHI $\longleftrightarrow$ M
AGLOOPIRHMT
AGLIOR $\longleftrightarrow$ HMT
AGLIOHR $\longleftrightarrow$ MT
AGLO $\longleftrightarrow$ HMRT
AGILO $\longleftrightarrow$ HMRT
AGILO $\longleftrightarrow$ HMRT
AGIL $\longleftrightarrow$ HMORT
AGI $\longleftrightarrow$ HMORT

## Quick Sort

## Merge Sort EXAMPLE EXAMPLE EXAMPLE EXAMPLE AEMXELP



Order of Growth - Random Data



Order of Growth - Reversed Sorted Data

