

# Bioinformatics Defined!

- Bioinformatics strives to further our knowledge of biological systems and capacity to interpret biological processes for utilization in different applications.
- This is evidenced by its development and use of computationally intensive techniques
- That said, common activities include:
  - I. Mapping & analyzing DNA, RNA, Protein, Amino Acid, & Lipid sequences.
  - II. Sequence Alignment & Analysis.
  - III. Creation and Visualization of 3-D structure models for biological molecules of significance e.g. protein.
  - IV. Genome Annotation.

# Principles Of Bioinformatics

**Neil C. Jones, Pavel A. Pevzner**



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