Bioinformatics Data Analysis Courses Series

SciFixia

Comprehensive Hands On Training in Bioinformatics

A practical approach to understanding biological data through Computational and statistical analysis.

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About Us

SciFixia is a Pune-based learning hub offering **practical, industry-oriented training in Life Sciences and Information Technology.** We focus on **hands-on, on-job learning** using real data, real tools, and real-world problem solving.

Our certified programs help learners build strong **technical skills, analytical thinking, and industry readiness** through interactive and application-driven training.

At **SciFixia**, we are committed to making quality education accessible and preparing future-ready professionals for today's evolving industries.

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Duration – Online (5 days)   ## Timing - Evening

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Why Choose SciFixia?

🔬 **Real-time industry training**

📊 **Hands-on with real datasets**

🧬 **Genomics & computational biology focus**

🏫 **Online expert-led sessions**

🎓 **Certification with job-ready skills**

Course Details

Basic of Bioinformatics (5 Days)

- **Learn the fundamental concepts of bioinformatics with hands-on exposure to essential biological databases and tools.**

- **Understand sequence analysis, file formats, alignment techniques, and structural biology basics.**

- **Perfect for beginners who want to build a strong foundation in bioinformatics.**

Course Price: 350/-

Module	Tools
Module 1 — Introduction to Bioinformatics	Overview of bioinformatics concepts and applications
Module 2 — Biology Databases and Data Retrieval	NCBI, EMBL, DDBJ, GenBank, Uniprot
Module 3 — Bioinformatics File Format	FASTA, FASTQ
Module 4 — Sequence Alignment	BLAST, ClustalW
Module 5 — Structural Bioinformatics	Protein Data Bank (PDB)

Outcomes of this Course

- **Understand basic bioinformatics concepts**
- **Use databases like NCBI and UniProt**
- **Perform simple sequence alignment using BLAST**