



BioInfo Cloud

Where Science Meets Solutions

Course Contents

Prepared by :

Bioinfo Cloud Team



Get Certified in Courses

- 1 **A complete package of Bioinformatics**
- 2 **Applied Bioinformatics**
- 3 **Molecular Breeding Analytics**
- 4 **Research Data analysis and MS Writing**
- 5 **Agricultural Data Analytics**
- 6 **Bioinformatics Programming Languages**
- 7 **AI in Bioinformatics**

Get in touch!



+91- 9993239523, +91-9752221132



bioinfocloud01@gmail.com



Key Activities

01

Workshops on different
bioinformatics course in
online and offline mode

02

Hands on training
program

03

Customized Data
Analysis

04

Research
Consultant

Why to choose Bioinfo Cloud?

Cost
Effectiveness

On Job Practical
Training

Quality
Learning

Certified
Institution

Experienced
Teachers

Theoretical +
Hands on

Get in touch!



+91- 9993239523, +91-9752221132



bioinfocloud01@gmail.com





Course Content

Research Data Analytics

This comprehensive guide covers the entire research data lifecycle: from pre-processing (cleaning and preparing data), through analysis (using statistical and computational methods), to interpretation (drawing meaningful conclusions) and manuscript writing (documenting and publishing findings). It provides detailed strategies and best practices for each stage to ensure rigorous and reproducible research outcomes.

- **Basic Fundamental of statistics:**

1. **Parametric test:** t-test (Sample, Pooled or Unpaired and Paired), ANOVA, (One way and Two way).
2. **Correlation:** Definition, Karl Pearson's coefficient of correlation.
3. **Regression modeling:** Hypothesis testing in Simple and Multiple regression models

Get in touch!



+91- 9993239523, +91-9752221132



bioinfocloud01@gmail.com



Research Data Analytics

- **Basics of R and Python:** Building upon foundational skills on R and Python, you'll explore data analysis, visualization techniques, and statistical analyses tailored specifically for bioinformatics applications. With Biopython, you'll harness powerful libraries for sequence analysis, and sequence manipulation. You'll also explore tools for data analysis, visualization used in bioinformatics
- **Data analysis and visualization tools:**
 1. EXCEL
 2. R
 3. SPSS
 4. GRAPH PAD PRISM
- **Data interpretation**
- **AI tools for MS writing**
- **Research paper writing**

Get in touch!



+91- 9993239523, +91-9752221132



bioinfocloud01@gmail.com



Batches Begins Soon!!



BioInfo Cloud

Where Science Meets Solutions

**Admissions
Open**

 **+91- 9993239523, +91-9752221132**

 **bioinfocloud01@gmail.com**

Thank You...



BioInfo Cloud
Where Science Meets Solutions