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# Bioinformatics For Dummies

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**Bioinformatics for Dummies - Apdf** Claverie, 2002-11-01 **Dr. Dobb's Journal**, 2003

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*PCs for Dummies* Dan Gookin, 1998 Offers an introduction to personal computers in everyday language

*The British National Bibliography* Arthur James Wells, 2009

**Practical Bioinformatics For Beginners: From Raw Sequence Analysis To Machine Learning Applications** Lloyd Wai Yee Low, Martti Tapani Tammi, 2023-01-17 Next Generation Sequencing NGS is increasingly common and has applications in various fields such as clinical diagnosis animal and plant breeding and conservation of species This incredible tool has become cost effective However it generates a deluge of sequence data that requires efficient analysis The highly sought after skills in computational and statistical analyses include machine learning and are essential for successful research within a wide range of specializations such as identifying causes of cancer vaccine design new antibiotics drug development personalized medicine and increased crop yields in agriculture This invaluable book provides step by step guides to complex topics that make it easy for readers to perform specific analyses from raw sequenced data to answer important biological questions using machine learning methods It is an excellent hands on material for lecturers who conduct courses in bioinformatics and as reference material for professionals The chapters are standalone recipes making them suitable for readers who wish to self learn selected topics

Readers gain the essential skills necessary to work on sequenced data from NGS platforms hence making themselves more attractive to employers who need skilled bioinformaticians

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