

# Installation of AutoDock4 on Windows OS and macOS

<https://spoken-tutorial.org>

National Mission on Education through ICT

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# Learning Objectives



# Learning Objectives

- ▶ **Download and install AutoDock4 on Windows OS**



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- ▶ **Download and install AutoDock4 on Windows OS**
- ▶ **Download and install MGLTools on Windows OS**



# Learning Objectives

- ▶ **Download and install AutoDock4 on Windows OS**
- ▶ **Download and install MGLTools on Windows OS**
- ▶ **Check the installation of AutoDock Tools on Windows OS**



# Learning Objectives



# Learning Objectives

- **Download and install AutoDock4 on macOS**



# Learning Objectives

- ▶ **Download and install AutoDock4 on macOS**
- ▶ **Download and install XQuartz version 2.8.5 on macOS**





# Learning Objectives



# Learning Objectives

- **Download and install MGLTools on macOS**



# Learning Objectives

- ▶ **Download and install MGLTools on macOS**
- ▶ **Check the installation of AutoDock Tools on macOS**



# System Requirement



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## ► Windows 11



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- ▶ **Windows 11**
- ▶ **macOS v14.5**



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- ▶ **macOS v14.5**
- ▶ **AutoDock v4.2.6**



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- ▶ **Windows 11**
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- ▶ **XQuartz v2.8.5**



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- ▶ **Windows 11**
- ▶ **macOS v14.5**
- ▶ **AutoDock v4.2.6**
- ▶ **MGLTools v1.5.7**
- ▶ **XQuartz v2.8.5**
- ▶ **Firefox web browser v130.0.1**



# System Requirement

- ▶ Windows 11
- ▶ macOS v14.5
- ▶ AutoDock v4.2.6
- ▶ MGLTools v1.5.7
- ▶ XQuartz v2.8.5
- ▶ Firefox web browser v130.0.1
- ▶ A working internet connection



# Pre-requisites



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- ▶ **Learner should be familiar with basic computer operations on Windows OS and macOS**



# Installation on macOS



# Installation on macOS

- **Install Autodock4 and ADT on macOS**



# Installation of XQuartz





# Installation of XQuartz

- ▶ You may need to install XQuartz as a prerequisite for ADT to work on macOS



# Installation of XQuartz

- ▶ You may need to install XQuartz as a prerequisite for ADT to work on macOS
- ▶ Open the given link in any web browser

<https://www.xquartz.org/releases/XQuartz-2.8.5.html>



# Summary

- ▶ Downloaded and installed AutoDock4 on Windows OS
- ▶ Downloaded and installed MGLTools on Windows OS
- ▶ Checked the installation of AutoDockTools on Windows OS



# Summary

- ▶ Downloaded and installed AutoDock4 on macOS
- ▶ Downloaded and installed XQuartz version 2.8.5 on macOS



# Summary

- ▶ Downloaded and installed MGLTools on macOS
- ▶ Checked the installation of AutoDockTools on macOS



# About the Spoken Tutorial Project

- ▶ Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- ▶ It summarises the Spoken Tutorial project



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- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



# Spoken Tutorial Workshops

## The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to [contact@spoken-tutorial.org](mailto:contact@spoken-tutorial.org)





# Answers for THIS spoken tutorial

- ▶ Questions in this Spoken Tutorial
- ▶ Visit <https://forums.spoken-tutorial.org>
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ The Spoken Tutorial project will ensure an answer
- ▶ You will have to register to ask questions



# Acknowledgement

- ▶ **The Spoken Tutorial project was established by Ministry of Education, Government of India**

