Welcome to ineuron.ai

Latex

Description:

LaTeX is a document preparation system that is widely used in many scientific domains, including mathematics, statistics, computer science, engineering, chemistry, physics, economics, and linguistics. This is the place to start if you've never used LaTeX before or if it's been a while and you need a refresher. This course will get you started writing LaTeX right away with interactive exercises that you may complete online instead of downloading and installing LaTeX on your own computer.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Course material

Course resources

On demand recorded videos

Practical exercises

Quizzes

Assignments

Course completion certificate

What we learn:

Latex Online Environment

Mathematical equation and algorithms

Figures and Tables

Beamer

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

Name:

Manjunatha A

Description:

Data Scientist with good experience in machine learning, deep learning, and Python programming. I was awarded the Gold medal in my Master's (MCA). I was also privileged to be honour with the Ace of innovation award. I was also one of the Finalists of SIH -2020 the world's largest hackathon. In my

spare time, I enjoy sharing my technological abilities and knowledge through classes. I supervised over 500 students and assisted them in establishing careers in their industries. I also travel frequently.

>Introduction to Latex:

>>Course Introduction

>>Course Curriculum Overview

>>Course Outcome

>>Key Features of Latex

>Setup and Installation:

>>Latex Environment setup

>>MikTex Installation

>>TexStudio Installation

>Latex Online Environment:

>>Introduction to Latex online editor

>>Exploring Overleaf dashboard

>>First project creation in Overleaf

>Latex Basics:

>>Introduction to Latex

>>Exploring Latex Dashboard

>>Latex commands and file structure

>>First project creation in Latex

>>Text Formatting in Latex

>>Lists in Latex

>>Installing missing packages

>Mathematical equation and algorithms:

>>Latex Mathematical notations

>>Mathematical symbols in Latex

>>Mathematical equations

>>Arithmetic, subscript and accent

>>Binomial, Integration and delimiter

>>Simple, annotate and case equations

>>Summation, product and matrices

>>Algorithm and pseudocode

>>Algorithm and pseudocode practical demonstration

>>Conditional statement

>>Loops(For,While)

>Figures and Tables:

>>Representing image

>>Accessing image with different sources

>>Introduction to Table and Table creation

>>Table alignment and centering

>>Complex table

>>Table creation using TexStudio

>Bibliography:

>>Introduction to Bibliography

>>Bibliography styles

>Beamer:

>>Introduction to Beamer

>>Beamer Title creation

>>Create and organize frames

>>Beamer Table of contents

>>Formatting Text in beamer

>>Effects in presentation

>>Themes in Beamer

>Scientific Report Writing using Templates:

>>Research paper templates

>>Splitting document into multiple files

>CV and Poster creation:

>>Overleaf CV and poster creation