

2020-2025 Global Finite Element Analysis Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

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Abstracts

Finite element analysis is the use of numerical techniques called finite element methods to simulate any given physical phenomenon. Engineers use it to reduce the number of physical prototypes and experiments and optimize components during the design phase to develop better products faster.

This report elaborates the market size, market characteristics, and market growth of the Finite Element Analysis industry, and breaks down according to the type, application, and consumption area of Finite Element Analysis. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Finite Element Analysis in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Finite Element Analysis market covered in Chapter 13:

Computational Engineering International

AspenTech

ESI Group

CD-adapco

Numeca International

Altair Engineering

Ansys

NEi Software

Exa Corporation

Siemens PLM Software

Dassault Systemes

Autodesk

Flow Science

Mentor Graphics

MSC Software

In Chapter 6, on the basis of types, the Finite Element Analysis market from 2015 to 2025 is primarily split into:

Modeling

Simulation

Design Optimization

Other

In Chapter 7, on the basis of applications, the Finite Element Analysis market from 2015 to 2025 covers:

Automotive

Aerospace and Defense

Electrical and Electronics

Industrial Machinery

Other

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States

Europe

China

Japan

India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States

Canada

Mexico

Europe (Covered in Chapter 9)

Germany

UK

France

Italy

Spain

Others

Asia-Pacific (Covered in Chapter 10)

China

Japan

India

South Korea

Southeast Asia

Others

Middle East and Africa (Covered in Chapter 11)

Saudi Arabia

UAE

South Africa

Others

South America (Covered in Chapter 12)

Brazil

Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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