



## Engineering

Use CT to design, simulate, model, optimize and predict the behavior of your system under a variety of conditions.

**Aerospace · Chemical · Electrical ·**

**Industrial · Mechanical · Architecture**



## Science

From automating importing of data to high – powered analysis, apply CT to advance knowledge and expertise in your scientific field.

**Physics · Biology · Chemistry · Math · Astronomy**



## Finance and Economics

From exploring market behavior to managing insurance claims, apply CT to model, optimize and solve problems.

**Actuarial · Accounting · Banking · Investing ·**

**Economics · Insurance · Auditor**



## Media and the Arts

Use CT to realistically model natural events, create animations, design patterns or generate 3 D sculptures.

**Publishing · Authoring · Marketing · Music · Game Design**



## Environmental

Whether it is climate change prediction, alternative energy development or pollution modeling, effectively plan to preserve the environment with CT.

**Farming · Conservation · Waste Management · Geoscience**



## Biotechnology and Healthcare

CT affords new analysis methods for medical data to develop more efficient systems that help make better decisions for the benefit of patients.

**Bioinformatics · Medicine · Nursing · Physiotherapy · Pharmacy · Optometry · Dentistry · Fitness**



## Data Science and Business Intelligence

Use CT with modern analytical techniques to arrive at better, real, quantifiable answers where traditional techniques would fail.

**Management · Consultancy ·**

**Administration · Human Resources · Statistics**



## Law and Social Sciences

Analyze social networks, model behaviors and carry out meaningful analysis of socioeconomic data to benefit human society and culture.

**Psychology · Charity · Counseling ·**

**Social Work · Teaching**



## Communications and Security

Develop innovative algorithms for efficient information transfer and data security through applying the CT process.

**Military · Telecommunications · Cryptography · Security**