Careers in Mathematical Modelling

Careers in the field of Mathematical Modelling.

Data Scientist

Job Role: Analyzing data, creating models, and deriving insights.
Growth Probability: High

2.

Machine Learning Engineer

Job Role: Building and optimizing machine learning models.
Growth Probability: Very High

4.

Computational Biologist

Job Role: Applying mathematical models to biological systems.
Growth Probability: High

Management Consultant

Job Role: Advising businesses using quantitative analysis.
Growth Probability: Moderate

7.

Policy Analyst

Job Role: Informing policy decisions with data-driven models.
Growth Probability: Moderate

9.

Market Research Analyst

- Job Role: Using data models to understand market trends.

- Growth Probability: Moderate

Mathematics Professor

- Job Role: Teaching and conducting mathematical research.
- Growth Probability: Moderate

12.

Research Scientist

- Job Role: Advancing mathematical modelling theories.
- Growth Probability: High

14.

Math Curriculum Developer

- Job Role: Designing educational materials.
- Growth Probability: Moderate

Quality Assurance Analyst

- Job Role: Ensuring product quality using statistical methods.
- Growth Probability: Moderate

17.

Manufacturing Engineer

- Job Role: Improving production processes through modeling.
- Growth Probability: Moderate

19.

Aerospace Systems Analyst

- Job Role: Developing models for aerospace systems.
- Growth Probability: High

Mathematical Biologist

- Job Role: Pioneering models for biological systems.
- Growth Probability: High

22.

Economist

- Job Role: Analyzing economic trends and policy impacts.
- Growth Probability: Moderate

24.

Climate Change Analyst

- Job Role: Studying climate patterns and impacts.
- Growth Probability: High