



## 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