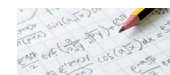


# 米国での職業評価結果

2022年12月13日  
 数理キャリア支援室  
 キャリアアドバイザー・URA 池川隆司

順位	2018	2021
1	Genetic Counselor	Data Scientist
2	Mathematician	Genetic Counselor
3	University Professor	Statistician
4	Occupational Therapist	Medical Services Manager
5	Statistician	Mathematician
6	Medical Services Manager	University Professor
7	Data Scientist	Operations Research Analyst
8	Information Security Analyst	Information Security Analyst
9	Operations Research Analyst	Actuary
10	Actuary	Software Engineer



【出典】 <https://www.careercast.com/> 年収・成長率等により総合評価

米国（2006年から）：STEM (Science, Technology, Engineering and Mathematics) 教育推進  
 文部科学省（2021年から）：数理・データサイエンス・AI教育プログラム推進



# 付録：数学をコアとする職業

Job name	Definition
Data Scientist	Combines information technology, <b>statistical analysis</b> and other disciplines to interpret trends from data.
Statistician	Uses <b>statistical methods</b> to collect and analyzes data and to help solve real-world problems in business, engineering, healthcare, or other fields.
Mathematician	Conducts research to develop and understand <b>mathematical principles</b> .
Operations Research Analyst	Operations research analysts are high-level problem-solvers who use advanced techniques, such as <b>optimization, data mining, statistical analysis and mathematical modeling</b> , to develop solutions that help businesses and organizations operate more efficiently and cost-effectively.
Actuary	Analyzes the financial costs of risk and uncertainty.

## 【出典】

- <http://www.careercast.com/jobs-rated/jobs-rated-report-2016-ranking-200-jobs>
- <https://money.usnews.com/careers/best-jobs/rankings/the-100-best-jobs>

