**Industry Data Analysis**:

Use Burning Glass Industry Data

**Job Title**:

Research Scientist

**How does it rank in terms of demand from employers?**

The Burning Glass Industry Data does not list research scientists in its active selections.

**Identify a set of skills required for the job (divided into general and IT specific)**:

*General*

The research scientist actually requires all of the generic skills listed in the Burning Glass Industry Data, but the following could be considered to be the most important:

* Problem Solving
* Teamwork/Collaboration
* Research
* Analytical Skills
* Detail-Oriented
* Creativity

*IT Specific*

Similarly, most of the skills listed are required by a research scientist but the following could be considered the most important:

* Building Relationships
* Software Engineering
* JAVA
* Python
* Microsoft Office
* Project Management

**How do the IT specific skills rank in terms of demand from employers?**

JAVA, project management, and building relationships rank extremely highly in the lost of those in demand from employers. However, software engineering, python, and microsoft office are still highly sought skills specific to IT.

**How do the general skills rank in terms of demand from employers?**

Communication skills, problem solving, and organisational skills are ranked in the top 3 for those in demand from employers. Additionally, teamwork/collaboration, detail-oriented, creativity, and analytical skills also feature in the top 20 in demand.

**What are the three highest ranked IT-specific skills which are not in your required skill set?**

* SQL
* JavaScript
* Microsoft Windows

**What are the three highest ranked general skills which are not in your required skill set?**

* Mentoring
* Team Building
* Self-Starter

**From the Burning Glass Data, has your opinion of your ideal job changed? Why or why not?**

My opinion of my ideal job hasn’t changed. While my ideal job wasn’t listed in the data, I was already under the impression that research scientists were in the niche market as it is a highly specialised job. I feel the Burning Glass Data was very limited in finding out more about the position, so I would probably look elsewhere. In hindsight, I believe research scientists will be more highly sought in the US than Australia, and the fact that the data is from an Australian source, it doesn’t provide the full picture.