A. **Skills needed**

1. Mathematics

2. Statistics

3. Excel

4. Tableau

5. Power Bi

6. Python

7. Sql

8. Github

**Resources**:

[Linear algebra](https://www.khanacademy.org/math/linear-algebra)

[Calculus 1](https://www.khanacademy.org/math/calculus-1)

[Calculus 2](https://www.khanacademy.org/math/calculus-2)

[Multivariable calculus](https://www.khanacademy.org/math/multivariable-calculus)

[Khan Academy intro to statistics](https://www.khanacademy.org/math/statistics-probability)

[Excel skills for business\*](https://coursera.org/specializations/excel)

[Data Visualization with Tableau\*](https://coursera.org/specializations/data-visualization)

[Power bi tutorial by Microsoft](https://docs.microsoft.com/en-us/users/microsoftpowerplatform-5978/collections/djwu3eywpk4nm)

[Python 3 programming on coursera\*](https://coursera.org/specializations/python-3-programming)

[SQL by sololearn](https://www.sololearn.com/Course/SQL/?ref=app)

[Data Analysis with Python by DataCamp:\*](https://www.datacamp.com/tracks/data-analyst-with-python)

[Git and Github on coursera:\*](https://coursera.org/learn/introduction-git-github)

[A/B testing](https://bit.ly/3gzmNQS)

Note: *You can acquire certifications in other cloud technologies such as AWS, AZURE and GCP; the links to these cloud certifications can be found in the ‘READ\_ME” file. All other skills are necessary. Resources with an asterisk are not free, but can be taken on audit. Also try and partake in virtual internships or bootcamps*