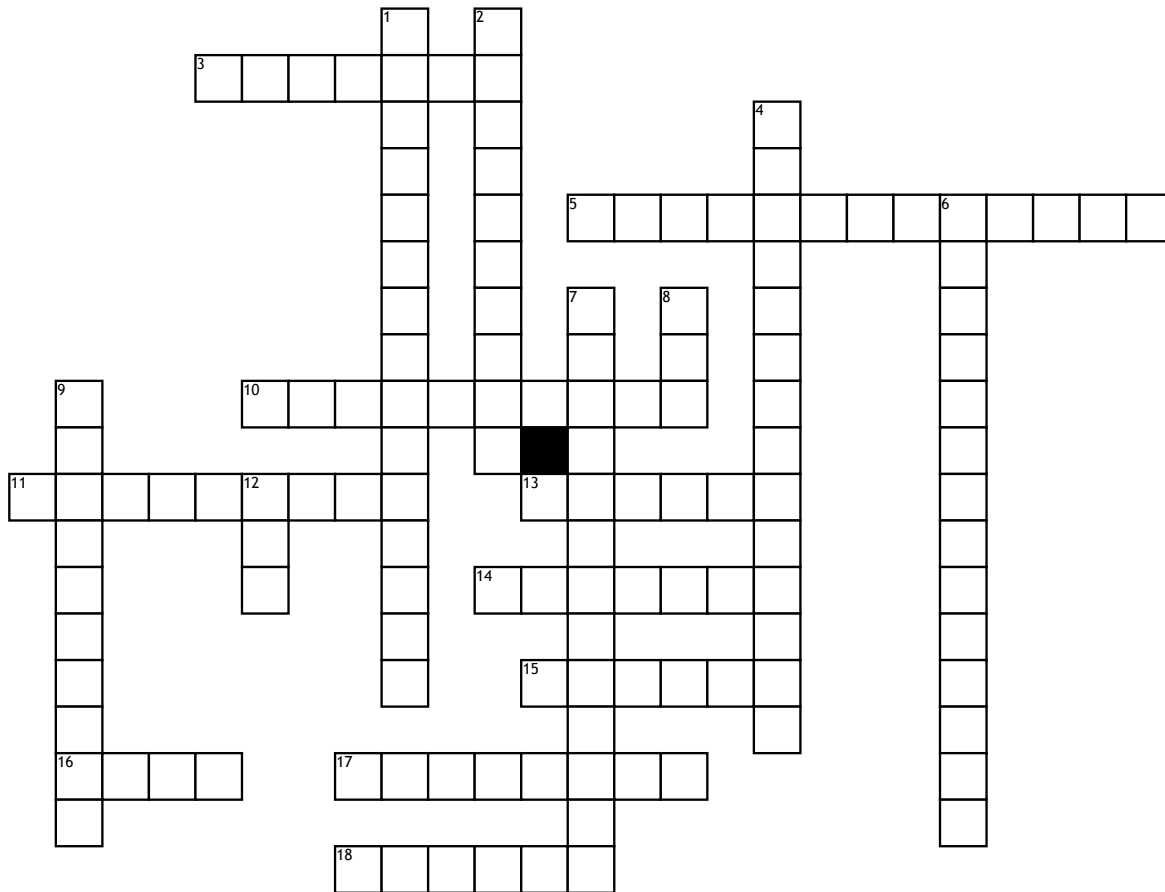# Digital Skills Crossword

Across

3. A field that treats ways to analyze, systematically extract information from, or otherwise deal with data sets that are too large or complex to be dealt with by traditional data-processing application software.

5. Application development as a set of individual components which can be continuously developed and separately maintained

10. An open-source system for automating deployment, scaling, and management of containerized applications

11. A lightweight, standalone, executable package of software that includes everything needed to run an application: code, runtime, system tools, system libraries and settings

13. opensource big data software by Apache

14. A piece of software that conducts a conversation with humans via text messaging

15. An interpreted, high-level, general-purpose programming language, generally used in cloud applications

16. one of the 4 types of cloud services, providing Infrastructure on demand

17. Science and engineering dedicated to the design, construction and use of mechanical robots

18. A set of practices that automates the processes between software development and IT teams, in order that they can build, test, and release software faster and more reliably

Down

1. The science of getting computers to act without being explicitly programmed

2. process used by companies to turn raw data into useful information

4. The on-demand availability of computer system resources without direct active management by the user.

6. The process of running a virtual instance of a computer system in a layer abstracted from the actual hardware

7. The science of analyzing raw data in order to make conclusions about that information

8. cloud services platform by amazon inc.

9. A time-stamped series of immutable records of data that is managed by a cluster of computers not owned by any single entity

12. Billions of physical devices around the world that are now connected to the internet, all collecting and sharing data