Achievement 2, Exercise 1 Task

1. Django is a more popular Python framework than other options such as Flask or Pyramid for several reasons. Firstly, Django being implemented in Python makes it easy to read and write, and can make use of powerful computational features. It allows has greater processing power, scalability and security than other frameworks.

2. There are a number of large companies that utilise Django on some of their applications:

   - **The Washington Post** uses Django to build and manage its content management system (CMS).
   - **Pinterest** employs Django for rapid development of its backend services. Django aids Pinterest in efficiently managing its large database.
   - **Disqus** uses Django as the core framework for its commenting system. Django's features support Disqus in managing real-time user interactions, comment moderation, and user authentication
   - **Instagram** uses Django to handle its backend operations. Django's scalability and ability to handle rapid development cycles allow Instagram to manage its massive user base and the significant data traffic generated.
   - Spotify utilizes Django for its backend services, especially for managing user accounts, playlists, and social features.

3. The followi9ng are examples when Django should (or should NOT) be used:

   - Developing a web application with multiple users suites Django well as it has built-in automated encryption to secure user data and is highly scalable an so can increase in scope easily as the number of users grows.
   - Frameworks generally make your applications run faster and Django is no exception. It's MVT architecture allows for faster processing, and it being written in Python allows for faster development.
   - Django is a web-development framework, and so would be overkill if your application did not need to access a database.
   - Django being open-source means there are a huge community of developers constantly iterating and advancing the framework, and can answer any questions you might have which makes starting on a big project seem a loss less difficult or daunting to undertake.