Gatsby's plugin layer includes a wide variety of common website functionality that you can drop in to your website. There are many types of Gatsby plugins, including:

- Integrations, or "source plugins". These plugins pull data into Gatsby's GraphQL layer and make it available to query from your React components. Gatsby has source plugins for a wide range of headless CMSs, databases and spreadsheets, as well as the local filesystem. Here is a guide on sourcing data.
- Progressive images
- Dropping in analytics libraries like Google Analytics, Google Tag Manager, Segment, Hotjar, and others.
- **Performance enhancements while using CSS libraries**, like <u>Sass</u>, <u>styled-components</u> and <u>emotion</u>. These plugins are *not required* to use these libraries but do make it easier and faster for the browser to parse styles.
- Other website functionality, like <u>SEO</u>, <u>offline support</u>, <u>sitemaps</u>, and <u>RSS feeds</u>.

One point of confusion people sometimes have is "when don't I need a plugin?" The answer is "most things"! As a general rule, any npm package you might use while working on another JavaScript or React application can also be used with a Gatsby application. Even when plugins are helpful, they are always optional.

Feel free to browse and search plugins at Gatsby's Plugin Library or read the documentation on how to add a plugin.

Advanced use-cases include <u>making your own plugins</u> and either distribute them for fellow Gatsby developers to use or <u>install them locally</u>.