**The surface web, the deep web, and the dark web:**

There are millions of pages on the internet however about 90% of the pages are not indexed by search engines like Google, Yahoo, Bing…etc. which means a tiny portion of the internet is accessible through search engines or standard means. In this context, one should consider three layers of the internet; surface web, deep web, and dark web. The surface web is the top layer and includes content that is readily indexable using search engines. The deep web is a layer below, it’s not indexed by search engines. Finally, at the bottom layer is the dark web, which is accessible only with special software and used for illegal purposes.

**The surface web:** also known as the visible web or indexed web. The surface web is the portion of World Wide Web that is readily available to the general public and searchable with standard web search engines, the so-called vanilla parts of the internet.

**The deep web:** is a part of the WWW whose contents are not indexed by standard web search engines for any reason. The content of the deep web is hidden behind HTTP form, and includes many common uses such as web mail, online banking, and services that users must pay for. The deep web can also include significant parts of the legitimate, mainstream web (like Netflix or Amazon pages), simply because they are personalized for users and not all URLs are meant to be indexed.

**The dark web:** is a layer even deeper; technically it is a certain website within the deep web that is linked to criminal activity and illegal market place. You need a special software in order to access it. On the dark web you can find marketplace for various drugs, marketplace for various fire weapons and ammunitions, obviously unregistered, racist content and content promoting violence against various minorities…etc.