**Unit 1**

**1.7**

Choosing the best image file format, depends on the type of image and the end goal. Photographs should use JPG, Logo’s, and illustrations: PNG or SVG.

JPG, PNG, webP are basically equal, small in size, and easier to store and move around hard drives and cloud platforms.

[Aim for the best image and pixel dimensions without sacrificing web page speed and load time].

**I have used the following formats.**

Html – language of programming websites.

Css – language of formatting websites.

JavaScript – language of software applications such as;

* Macros
* Power Bi
* Access

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| --- | --- | --- | --- |
|  | Format | Reason | Disadvantage |
| website | JPG | Jpeg files can be smaller, clear images, goods colour selection.  Ideal for pictures and images. | Difficult to change in higher resolution, leading to distorted images. |
| Design in manuals | SVG | **Scalable Vector Graphis**.  Easier to use, good for diagrams, illustrations. | Complex code language. |
| Moving animation | PNG  GIF | Widely supported by server platforms, established as default choice for simple graphics on the web. | Abode program do not support PNG format. Older web browsers do not support. |
| website | CSS | Programming webpage design |  |
| website | Html | Programming web pages content | Complicated to learn |
| images | GIF | **Graphics interchange format**,  Reduces amount of data needed for storage, easier email transporting. |  |
| Video, audio | MPG | **Moving picture group,**  Used to create videos, distributed on the internet. |  |
| Documents | DOCX | A Microsoft Word Open xml.  Fully supports word formatting Word documents, can be used on many platforms, mobiles, Android, iOS. |  |
| Saving files | PDF | Portable document format.  Saves |  |