**AWS S3 STORAGE CLASSES:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Storage Classes** | **Storage Capacity** | **File Format** | **Download Charges/ Retrieval Fee** | **File Download Time** | **Minimum Storage Charge** |
| **STANDARD**  **(FA) *(Default)*** | Stores >=3 copies of a file | Pdf…pdf  Jpg…jpg | No charges | Immediate | Pay-as-you-use  Free tier: 5GB |
| **REDUCED REDUNDANT STORAGE (FA)** | Every year 1.5% of files will be lost | Pdf…pdf  Jpg…jpg | No charges | Immediate | Pay-as-you-use  Free tier: 5GB |
| **INTELLIGENT (Mix of FA & IA)** | Stores >=3 copies of a file | Pdf…pdf  Jpg…jpg | No charges | Immediate | Pay-as-you-use  Free tier: 5GB |
| **STANDARD – INFREQUENT ACCESS (IA)** | Stores >=3 copies of a file | Pdf…pdf  Jpg…jpg | Charged (Moderate) | Immediate | **28 Days Charge**  1 day: 1 file: 10 Rs |
| **ONE ZONE – INFREQUENT ACCESS (IA)** | Stores only one copy of the file | Pdf…pdf  Jpg…jpg | Charged (Moderate) | Immediate |
| **GLACIER (Archival)** | Stores >=3 copies of a file | 10 pdf…Zip file (Compressed)  10 pdf (100 MB).. Zip (70 MB) | Charged (High)  100 MB (10 Pics) … 70 MB (10 Pics)  Quality will reduce  Download request… Decompress the file | We have to define the time in which file has to be downloaded (5min-12hours)  *Minimum download time leads to high charges* | **90 Days Charge**  1 day: 1 file: 7 Rs |
| **GLACIER DEEP ARCHIVAL**  **(Archival)** | Stores >=3 copies of a file | 100 MB…40 MB  (Deeply compressed) | Charged (High) | 12hours is the wait time | **180 Days Charge** |