Data set naming rules

➤ A data set name consists of one or more parts connected by periods. Each part is called a qualifier. For example, MY.PROD.FILE Here MY PROD and FILE are called the qualifiers.

➤ The first qualifier is called the High-Level Qualifier and the last is called the Low-Level Qualifier.

➤ The maximum size of a data set name is 44 characters, including the periods.

➤ You can use as many qualifiers as will fit within the 44-character overall size limitation.

➤ Alphabets, numeric, hyphen (-) and special characters (@ # $) are allowed.

➤ Each Qualifier must have 1 to 8 characters.

➤ Qualifier must start with either an alphabet or a special character.

➤ Data set name should NOT end with a period.

ABHISHEK.PRODUCTION.FILE	**Invalid** because the second qualifier "PRODUCTION" is longer than 8 characters.
@BHISHEK.PROD.1FILE	**Invalid** because the third qualifier "1FILE" starts with a number.
ABHI_SHEK.PROD.FILE	**Invalid** because the first qualifier "ABHI_SHEK" consists an underscore which is not an allowed character.
#BHISHEK.PROD.FILE	**Valid.**
1MY.FILE	**Invalid.** The first character should be alphabetic or a special character only.
MY.FILE.	**Invalid** because dataset name ends with a period.
MY..FILE	**Invalid** because there are two continuous periods with no qualifier between them.
A.A.A.A.A.A.A.A.A.A.A	**Valid.**
BANK45.#FILE1.COBOL	**Valid.**
ABHISHEK	**Valid.** Data set with only one qualifier is allowed.