```
-grevantages -> date is cradily accident once the CY e-ds
                 - That he no seture development, as the volum for primiting, exposures at losses are fixed at the end of to cy
                 -> Deta it pericy accessible at or additional cost, on usust insurers conduct financial reporting or a CY basis
    - producentages - existently between premium + 10)ses
                               - Penium camed during to CY cores from publics in three during to CY, which could been written
                                  in the previous cy of the contact Cy
                               mo losses wary include payments + reserve changes on craines from politics issued a view ago
                        -) Indillty to capture major developments due to the timed nature out data
      a ly aggregation is most suitable for lines of belinesses or converges where the basics are reported of settles relatively
          quickly such as homeowners insurance.
 - Accident year asgregation
         - Accident year appreciation of losses garges losses eccording to the accident dark for example, As your reported losses include loss payments d
            case asserts for claims that occurred in 2020, reparations of the policy issuance doles or the report dates. Losses can tracken to change after
             the accident year ended due to additional claim reports places payments, a reserve thanks.
          -3 At a spreption of princing a capouris is nearly the Same is CY princing a exposure. Thus, this without is after referred to all
               colordor - accident year or fixed -accident year.
          -) the one exception to the B for lines of business that person priming audits. Any association allows the promises to be questice after the
               end of the policy period , whereas Cy appropriation typically doesn't.
          -7 Advantages -> Eggy to achieve to casy to understand
                            - Better motth of premises of losses than CV aggregation, as losses pooled for clashes that occurred during the year are compared to
                                promium cared during the same year
                           -9 With for identifying the impact of vacjar them events (6.5 a cohestroph) or changes due to economic of regulatory forces
                               Less influence of law amendations) on chains experience
          → Bisadvantes -> requires estimation of future decelorment to known later that on out come at the end of the year
                            - provides a less accounte molecular est premions + louis
  -> Policy year Assasation
           - policy year epocation, also intermediately year apprecian, proups date according to the year in which the policies were entired
              polity year careed premium of exposure include all premium or exposures earned from publics written during the year, regulates
               et who eary thin was pervise, or pale. Premium + agreers on sect prisons until all the policies unison during the way have appears (assess the additional claims opens, 1-11) passessing + reserve chapel
          -) Advantas - pariles the less matthe letters better a popularies
                       in we full for identifying the Suppose on underwriting or particles changes
          of Discontage of Benjames on IBNR claims of months
 -> Tup or year assurbation
         -> Report year despression groups groups date exceeding to when each claims and reported. Then eached it typically uses for claims and politics pulsures commands depress on the carport date of the claims.
         - Advantage - Appellan warr stable data then say appropriation, as the biof classes is strong at the end at the year
        - Disadvantage - Development on IB- m claims D exclude
-> Example -> when appropriating date for retembolish purposes, the or to their general objections are:
                   on to eccurately match littles of portunious for the policy on the upolicy of the spall reserve bada available
                Briefly discuss how wall the Collections essentials of data appropriate nations trade two general objections
              20) CF -> Data A growed by the date are transcritions, ignoring. The publicy travance date, accidence date, are claims report date
                      -5 It seems the kest accurate mispaneent between promisms a losses, as lesses from policies sound in one calendar year may be likely to promisms from another
                      -s The advantage is that it uses very recent data, seen both promises a lastes are Rightlead once to by ands
              -> 6) Calcadar/accident year
                         -> Premium is expressed by transaction date while losses are based on accident date
                        -5 Mil bedied laproval promises & 643 metaling Compared to CV approach, as lessey from claims during the year
                            are bougased to promisms curred in the same year. However, there remains some mismotth
                        -1 Be done to but finalized at the sine of the AT since lasters may skill developes it doesn't use the most reconst data
                           like the Cy methol
              -> c) pairy year (P4)
                        -) Data is something by the year in which the politics are issued personguisting both providings of losses for both politicles
                        -) This praides on ideal match between primitions of lisses, as both relate to policies written in the same year
                         -> However, it takes a long time for premiums of lesses to fully develop, bearing it less responsive t net as exerte-date
                                  cy or xy date
```

1.3.2 -> Aggnesoting data

- Lelendar year approprises

-> overview -> there are three general goals of late appresation:

of the accident dates or report dates

2) Use the most releat data a vailable

1) Accurately match (0)100 & premium for a policy

3) resistates the cost associated and garborily a retricting data

Companies way those to civilde an annual period wil their Fiscal year

> There are 4 common mathets on the appropriation: Calander year, excitant year, palicy year, a report bear.

Fach betted diseas in law well literatures to source that according to mathety will be discussed in terms out annual accounting periods, if A possible to appropriate to data based on other intervals, but as assembly or quarkety.

-s Feeser for colondar year aggregation, on armusi perfit does not have to Gillow the traditional Colondar year be Jan 1 - Dec 31).

-> Calcular year appropation groups data according to the colondor year. For exemple, CY 2020 cannot exposures are all exposures carnot between I'm 1, 2070 + Dec 31, 2020, regardless or when the policies were thered. Similarly, CY poid losses include all losses paid during the 13-month CY, regardless