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use AdventureWorks2022;
create view first_view as
select distinct EH.BusinessEntityID,
D.DepartmentID,D.Name, D.GroupName,
FORMAT(D.ModifiedDate,'dd/mm/yyyy') as D_ModifiedDate,
P.FirstName,P.LastName
,CONCAT(P.FirstName,' ',P.LastName) as full_name ,
ED.JobTitle,FORMAT(ED.BirthDate,'dd/mm/yyyy') as ED_BirthDate,
ED.MaritalStatus, ED.Gender,ED.VacationHours,
FORMAT(ED.HireDate,'dd/mm/yyyy') as ED_HireDate, ED.SickLeaveHours,
S.ShiftID,S.StartTime,S.EndTime,
DATEDIFF(YEAR,ED.BirthDate,GETDATE()) as age,
CASE
    WHEN DATEDIFF(YEAR,ED.BirthDate,GETDATE()) BETWEEN 30 AND 40 THEN '30 to 40'
    WHEN DATEDIFF(YEAR,ED.BirthDate,GETDATE()) BETWEEN 41 AND 50 THEN '41 to 50'
    WHEN DATEDIFF(YEAR,ED.BirthDate,GETDATE()) BETWEEN 51 AND 60 THEN '51 to
60'
    ELSE 'Above 60'
END as age_categor

from HumanResources.Department as D
left join HumanResources.EmployeeDepartmentHistory as EH
on D.DepartmentID=EH.DepartmentID
left join HumanResources.Employee as ED
on (ED.BusinessEntityID=EH.BusinessEntityID )
left join HumanResources.Shift as S
on (S.ShiftID=EH.ShiftID and ED.BusinessEntityID=EH.BusinessEntityID)
left join Person.Person as P
on(P.BusinessEntityID=EH.BusinessEntityID)

```