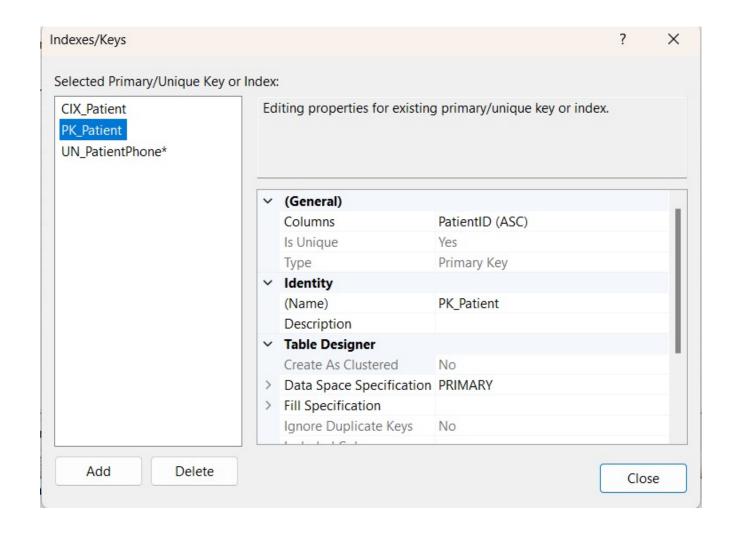
Indexing Fundamentals and Execution Plans

Creating indexed view

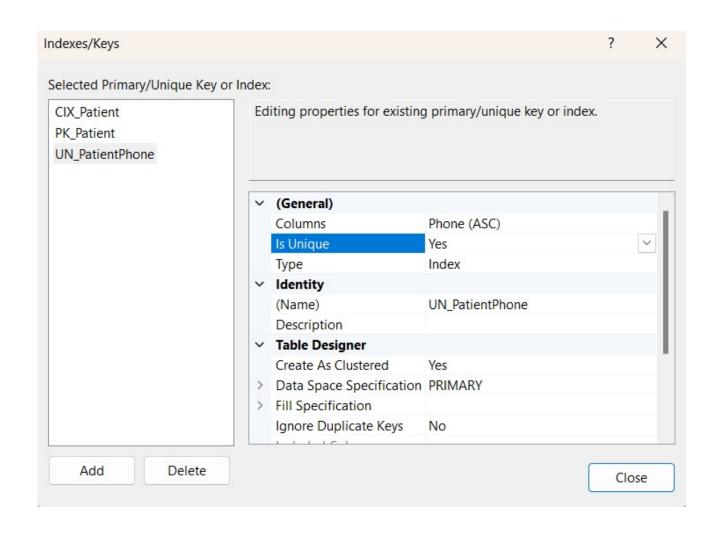
```
CREATE VIEW BedPatientReport_VW_index with schemabinding
    AS
    SELECT Bed.BedNo, Bed.Type, Bed.Size, LastName
     FROM dbo.Bed
    JOIN dbo.Patient
     ON Patient.BedNo = Bed.BedNo
    CREATE UNIQUE CLUSTERED INDEX CUN_BedPatientReport_VW_index
    ON BedPatientReport_VW_index(BedNo,Type,Size,LastName)
90 %
   Commands completed successfully.
   Completion time: 2023-10-08T21:55:02.2325492-04:00
```

CREATE UNIQUE CLUSTERED INDEX CUN_BedPatientReport_VW_index ON BedPatientReport_VW_index(BedNo,Type,Size,LastName)	
0 % 🔻 🖣	
Messages Commands completed successfully.	
Completion time: 2023-10-08T21:55:02.2325492-04:00	
∃ dbo.BedPatientReport_VW_index	
☐ Columns	
■ BedNo (int, not null)	
∃ Type (char(1), not null)	
∃ Size (char(2), not null)	
■ LastName (nvarchar(20), not null)	
□ ■ Indexes	
ស៊ី CUN_BedPatientReport_VW_index (Clustere	ed)
⊞ Statistics	

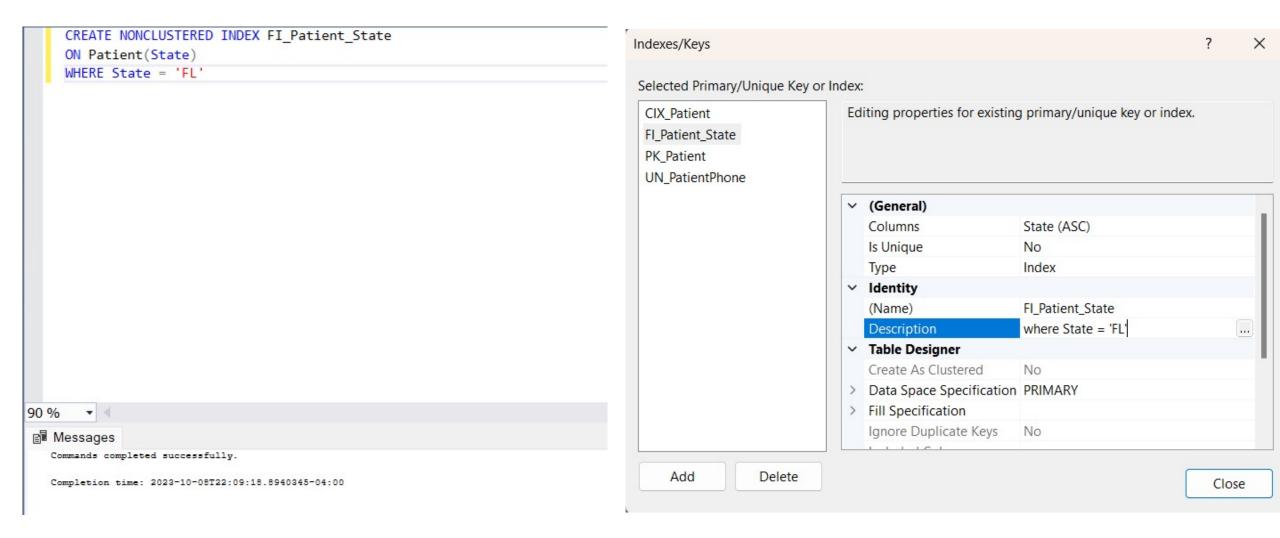
Set PK patientID to non-clustered



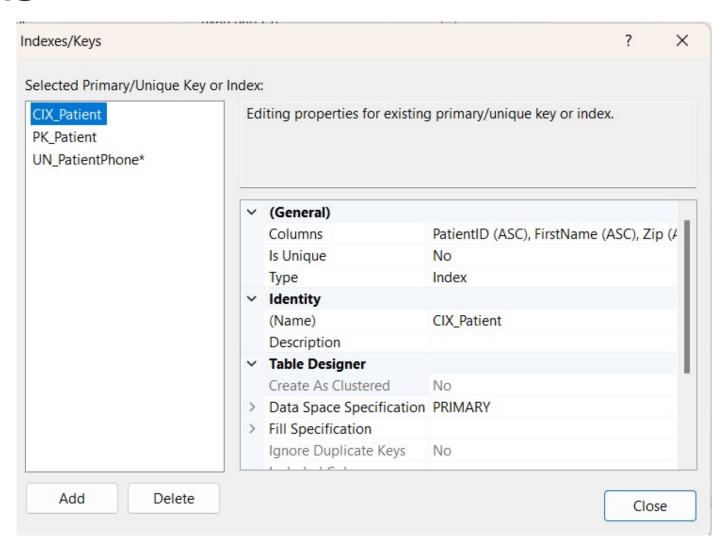
Set Phone column to unique key, and clustered



Set State column to not unique, and create a filtered index to improve state selections.



Create a composite index (CIX) with any 3 columns



3 Examples Select statements using the Patient table with Execution plan

