**Query with and without Index**

A screenshot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated

**Query with Subquery vs. Rewritten Join**

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

**Optimized Query with or without CTE**

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

**Joins With and Without Index**

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated