|  |  |
| --- | --- |
| Filtering | OfType Where |
| Sorting | Orderby OrderbyDescending ThenBy ThenByDescending  Reverse |
| Projecting | Select  SelectMany |
| Grouoping | GroupBy ToLookUp |
| Joining | Join GroupJoin |
| Aggregating | Aggregate Average, count, LongCount, Min, Max, Sum |
| Converting | ToArray ToDictionary ToList AsQueryable AsEnumerable |
| Set Operation | Distinct, Except, interest, union |
| Quantifier | All, Any, Contains |
| Partioning | Skip, SkipWhile, Take, TakeWhile |

**Linq Extension Methods**

Ref: <https://docs.microsoft.com/en-us/dotnet/csharp/programming-guide/concepts/linq/sorting-data>

Joins in linq:

Groupjoinin linq==outerjoin in sql

join linq= inner jin in sql