

## Lesson\_4

What is the difference between “merge” and “append” in power query

Answer: merge- ikki jadvalni umumiy ustun orqali qo'shish ( join , ya'ni yonma-yon)

Append-ikki( yoki undan ortiq ) bir xil ustunli jadvallarni ustma ust qo'shish

How do you split a "Full Name" column into "First Name" and "Last Name"?

Answer: bu text column degan degan funksiya orqali amalga oshiramiz:

Transform>split column> by delimiter

How do you undo a step in power query :

Applied steps, ga o'tamiz va shundan so'ng keraksiz ustun yoki malumotni o'chirib tashlay olamiz

What is the purpose in reference and duplicate :

### Duplicate:

- Siz butun Customers query'sini aynan shunday nusxalayapsiz.
- Keyinchalik Customersdagi o'zgarishlar **duplicate'da aks etmaydi**.
- U mustaqil ishlaydi.

### Reference:

- Yangi query asl Customersga **havola (link)** bo'ladi.
- Customersdagi har qanday o'zgarish **Reference** query'da ham avtomatik aks etadi.
- Bu **reusable** (qayta foydalaniladigan) bo'lib ishlaydi.

How do you replace values in columns ( change null to unknown):

Answer: buning uchun **replace values** funksiyasini ishlatamiz

How do you append multiple csv files with the same structure:

Answer: append queries bu power querydagi bir xil ustunlarga ega bir nechta jadvallarni birlashtirish qatorlar orqali:

**How do you group data by a column and calculate the sum of another column?**

**Answer:**

**Group By** bu — Power Query'da **biror ustun bo'yicha guruhlash** va boshqa ustunlar ustida **agregatsion hisob-kitob** qilish funksiyasidir.

**How do you sort data by multiple columns in ascending and descending order?**

**Answer:** ower Query'da siz ma'lumotlarni bir yoki bir nechta ustun bo'yicha:

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- Ascending (A → Z yoki 1 → 9)
- Descending (Z → A yoki 9 → 1)

tartibda saralashingiz mumkin:

What is the difference between "Transform" and "Add Column" tabs in Power Query?

Answer:

**Transform** Mavjud ustun o'zida o'zgartirish qiladi

**Add Column** Mavjud ustunni o'zgartirmasdan, yangi ustun yaratadi