

USPTO Network Analytics Data Dictionary

April 2025

Edges Table

Descriptions and data types for the **edges** dataset

Item	Description	dtype
<i>application_number</i>	Unique identifier for the patent application	int64
<i>advice_{date}</i>	Date when advice was exchanged between examiners	datetime64[ns]
<i>ego_{examiner_i}d</i>	ID of the examiner providing advice (ego)	float64
<i>alter_{examiner_i}d</i>	ID of the examiner receiving advice (alter)	float64

Data Table

Descriptions and data types for the **data** dataset

Item	Description	dtype
<i>application_number</i>	Unique identifier for the patent application	int64
<i>examiner_id</i>	ID of the examiner handling the application	float64
<i>au</i>	Art Unit the examiner belongs to	int64
<i>app_{filing}date</i>	Date the application was filed	datetime64[ns]
<i>app_{lastaction}date</i>	Date of the last action taken on the application	datetime64[ns]
<i>app_{disposal}type</i>	Type of application disposal (e.g., allowance, abandonment)	object
<i>gender</i>	Gender of the examiner	object
<i>race</i>	Race/ethnicity of the examiner	object
<i>examiner_earliest_{date}</i>	Examiner's earliest recorded action date	datetime64[ns]
<i>processing_{time}</i>	Number of days from filing to last action	int64
<i>tech_{center}</i>	Technology center associated with the application	int64
<i>center_{name}</i>	Name of the technology center	object
<i>workgroup</i>	Workgroup within the tech center	int64
<i>tenure</i>	Number of days since the examiner's first recorded action	int64
<i>num_{applications}</i>	Total number of applications assigned to the examiner	int64