

# Data Migration Jumpstart

Netezza to SQL DW Datatype Mapping

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Netezza to Azure SQL DW datatype recommended mapping following successful DM Jumpstart POC:

Netezza	Azure SQL DW
NATIONAL CHARACTER VARYING	NVARCHAR
NATIONAL CHAR VARYING	NVARCHAR
NATIONAL CHARACTER	NCHAR
CHARACTER VARYING	VARCHAR
CHAR VARYING	VARCHAR
CHARACTER	CHAR
TIMESTAMP	DATETIME2
BOOLEAN	BIT
BYTEINT	TINYINT
INT1	TINYINT
INT2	SMALLINT
INT4	INTEGER
INT8	BIGINT
INTEGER	INT
FLOAT4	FLOAT(24)
FLOAT8	FLOAT(53)
DOUBLE PRECISION	FLOAT(53)
DOUBLE	FLOAT(53)
TIME WITH TIME ZONE	DATETIMEOFFSET

<b>TIMETZ</b>	DATETIMEOFFSET
<b>TIME WITHOUT TIME ZONE</b>	TIME
<b>NUMERIC</b>	NUMERIC
<b>DECIMAL</b>	DECIMAL
<b>DATE</b>	DATE

Netezza to Azure SQL DW function mapping indicative after successful DM Jumpstart POC:

Netezza Function	SQL DW Function
<b>INT2(column)</b>	CAST(COLUMN AS SMALLINT)
<b>INT4(column)</b>	CAST(COLUMN AS INT)
<b>INT8(column)</b>	CAST(COLUMN AS BIGINT)
<b>HASH(column,0)</b>	HASHBYTES('MD5', column)

## Feedback and suggestions

If you have feedback or suggestions for improving this data migration asset, please contact the Data Migration Jumpstart Team ([askdmjfordmtools@microsoft.com](mailto:askdmjfordmtools@microsoft.com)). Thanks for your support!

**Note:** For additional information about migrating various source databases to Azure, see the [Azure Database Migration Guide](#).