

SQL Types	Length (n)	precision (p)	Scale (s)	Java Type	MySQL	MS SQL	Oracle	Postgres
Number	NA	1 <= p <= 2	0	byte	TinyInt	TinyInt	Number(2)	smallInt
		3 <= p <= 5	0	short	SmallInt	SmallInt	Number (5)	smallInt
		6 <= p <= 10	0	int	Int	Integer	Number (10)	Int4
		11 <= p <= 19	0	long	BigInt	BigInt	Number(19)	Int8
		20 <= p <= 38	0	big integer	BigInt	BigInt	Number(p)	Int8
		1 <= p <= 10	1 <= s <= 5	float	float	float	Float(16)	Float4
		11 <= p <= 19	6 <= s <= 10	double	Double	Double Precision	Double Precision	Double Precision
		20 <= p <= 38	11 <= s <= 20	big decimal	Decimal(p,s)	Number(p,s)	Numeric(p,s)	Numeric(p,s)
String	1	NA	char	char(1)	nchar	char(1)	character(1)	
	1 <= n <= 2048		String	varchar(n)	varchar(n)	varchar(n)	varchar(n)	
	> 2048		clob	longText	text	clob	text	
Date Only	NA	date	date	date	date	date		
Date Time		Datetime	datetime	datetime	date	timestamp without time zone		
Time only		Time	time	time	date	time		
Timestamp		Timetamp	timestamp	datetime2	timestamp(6)	timestamp with time zone		
Blob		byte[] blob	LongBlob	varBinary	blob	bytea		
Boolean		Booelan	Bit(1)	bit	char(1)	boolean		
Note: Precision range is only considered in deciding floating point type.								