

# SQL Tutorial



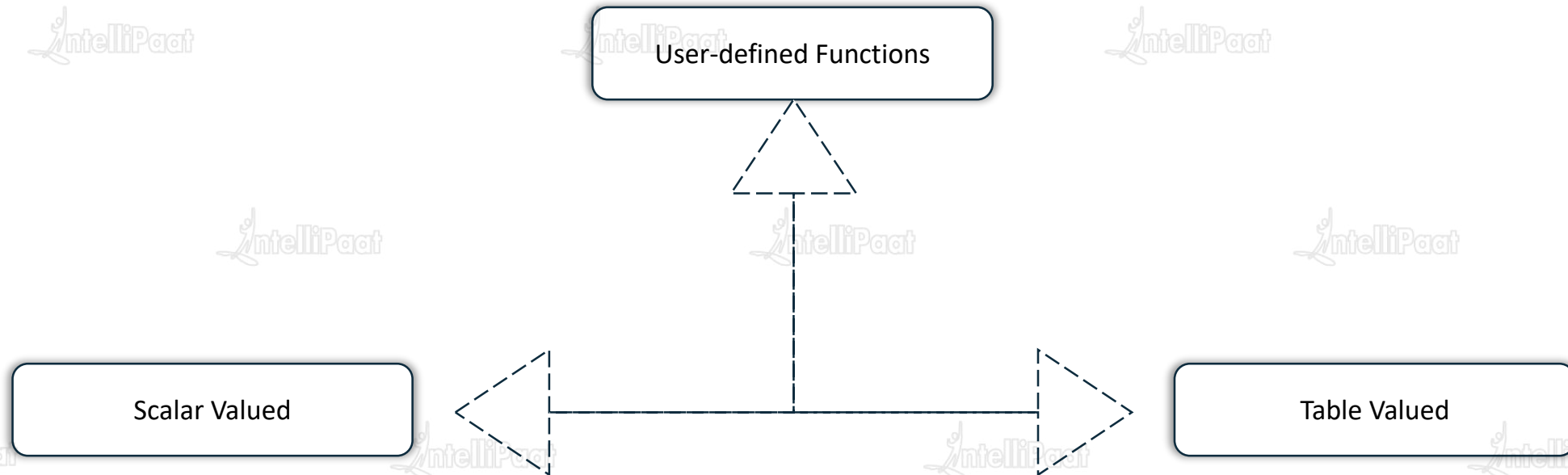
# SQL

# Agenda

## 1 User-defined Functions

e_id	e_name	e_salary	e_age	e_gender	e_dept
1	Sam	95000	45	Male	Operations
2	Bob	80000	21	Male	Support
3	Anne	125000	25	Female	Analytics
4	Julia	73000	30	Female	Analytics
5	Matt	159000	33	Male	Sales
6	Jeff	112000	27	Male	Operations

# Types of User-defined Functions



# Scalar Valued Function



Scalar valued function always returns a scalar value.

```
CREATE FUNCTION function_name(@param1 data_type, @param2 data_type...)
RETURNS return_datatype
AS
BEGIN
    -----Function body
RETURN value
END
```

# Table Valued Function



Table valued function returns a table.

```
CREATE FUNCTION function_name(@param1 data_type, @param2 data_type...)
RETURNS table
AS
RETURN (SELECT column_list FROM table_name WHERE [condition] )
```



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# Thank You



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