# Errors in the scott tables

### Dept Table

* Hasn’t got a Primary Key
* Deptno 10, hasn’t got a name for the department
* Deptno 10, hasn’t got a location

### Emp Table

* Name column can be NULL, hence no name for the employee 7369. **Incomplete value! Add a Not Null constraint to the ename column.**
* All Employees hired same date? **Inaccurate Data.** Have a **DATE** datatype on the hiredate column. **Default value for DATE column.**
* The manager **8888** does not exist as an employee for employee 7782. **Invalid** **data.** There is no FK Constraint for Mgr column, use ALTER table command to introduce one.
* Employee 7782 is in dept 50,which does not exist in table dept. Value **invalid**. There is **no FK Constraint** in the table for deptno. Again, use ALTER table command to introduce one.
* Commission for 7499 is much higher than the salary, **out of range. Could use CHECK constraint to deal with the issue.**
* Name for 7566 is 1111, is this correct **data definition** to be entered in an Employee Name column? Create **Validation** on the field, on Client side.
* No job title for 7521. **Value incomplete**. Have a **Not null** constraint
* DeptNo for employee 7499 hasn’t got **comparable** structure of the depno value, again There is no FK Constraint in the table for deptno, use ALTER table command to introduce one.
* **Duplicate value**? Amp 7521 and 7522 have the same records for all columns. Difficult one… Have quality checks and processes in place.
* Hire date for employee 7521 is **incomplete**! Have a Date datatype on the hiredate column.
* 7566 is a manager, but does not manage other staff… **Inaccurate value**