Why need Data Types

The basic factors on which we are working is Data, Now What is data? Quotes, information, calculations, biography etc. Written on any media in form of text, pictures, videos, audios is data. Need of Types arose to distinguish the category of data.

PL/SQL Data Types

Before going to understand PL/SQL Data types first we should have enough knowledge about Oracle SQL datatype support. Following list will elaborate SQL Datatype support.

* Char
* Varchar2
* Number
* Date
* Timestamp
* Float
* Long
* Clob
* Blob
* Bfile
* Pseudocolumns

Above mentioned are major categories of Oracle Supported Datatypes which further divided into sub branches. Read oracle provided pdfs for detailed understanding

As our discussion based on PL/SQL Datatypes so supported all SQL Datatypes along with additional as under please note

* BOOLEAN
* PLS\_INTEGER
* BINARY\_INTEGER
* REF CURSOR
* User-defined subtypes
* Collections and Records

There are always room to use subtypes of the defined datatypes.

Please note in anonymous or named block we declare variables types according to described but there are always room to go in details with enhanced provided datatypes for variables.