

Roles

When and how data is presented to a user is based on their user roles, which are specified in the PM Cell. Each user will have at least two roles per user_id and product_id combination. These two roles can be further defined as a *Data Protection role* and a *Hive Management role*. The data protection role establishes the detail of data the user can see while the hive management role defines the level of functionality the user has in a project. The following tables summarize the roles in a hierarchical order of least to most access.

Data Protection Track	
Role	Access Description
DATA_OBFSC	<p>OBFSC = Obfuscated</p> <ul style="list-style-type: none"> The user can see aggregated results that are obfuscated (example: patient count). The user is limited on the number of times they can run the same query within a specified time period. If the user exceeds the maximum number of times then their account will be locked and only the Admin user can unlock it.
DATA_AGG	<p>AGG = Aggregated</p> <ul style="list-style-type: none"> The user can see aggregated results like the patient count. The results are <u>not</u> obfuscated and the user is <u>not</u> limited to the number of times they can run the same query.
DATA_LDS	<p>LDS = Limited Data Set</p> <ul style="list-style-type: none"> The user can see all fields except for those that are encrypted. An example of an encrypted field is the <i>blob fields</i> in the <i>fact</i> and <i>dimension tables</i>.
DATA_DEID	<p>DEID = De-identified Data</p> <ul style="list-style-type: none"> The user can see all fields including those that are encrypted. An example of an encrypted field is the <i>blob fields</i> in the <i>fact</i> and <i>dimension tables</i>.
DATA_PROT	<p>PROT = Protected</p> <ul style="list-style-type: none"> The user can see all data, including the identified data that resides in the Identity Management Cell.

Hive Management Track	
Role	Access Description
USER	Can create queries and access them if he / she is the owner of the query.
MANAGER	Can create queries as well as access queries created by different users within the project

- Further details regarding roles can be found in the PM_Design_Document.*