**OLTP vs OLAP**

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| **OLTP** | **OLAP** |
| OLTP – Online transactional processing | Online Analytical Processing |
| It involves database modification | It involves query firing to retrieve data |
| The data is frequently modified, hence integrity is important. | The data is rarely modified so integrity remains intact. |
| Majority of the queries are insert, update and delete. | Select operations are in majority in this case |
| The queries are simple. | The queries are complex and often nested. |
| OLTP and its transactions are the original source of data. | Different OLTPs database becomes the source of data for OLAP. |