Date: Page:
What is ETL?
Extract, Transform, and
Load is a Process
A data integration,
which combines data
from multiple data
sources into one
single storage. This storage
cabe can be destamase hus
data, leke, data most.

ChuangYiCai

Date: 1 Page:
What is ELT?
Extract, Load, and Tranfor
is a type of data
integration process
in which we extract
and lodd the data into
data sites storage and then
transforming it. IN this
we use the target storage grotom
to toanstoom the data.
ChuangYiCai

Date and an area of the property of the proper
3 Tier Architecture
in Data Ensineering
DBoHom Layer:- It is
database storase layer
which is used to st
retrive and manage
data. It include data
marts data warehouse et
1) m. 111, 1 x. Ti- 12 0: 01
2) I hodie Layer- Inis is OLHI
2) Middle Layer: This is OLA! -OX DUTP layer which
or DLTP lager which hardles the processing
- Ox DUTP layer which
-ox DLTP lager which handles the processing
handles the processing of data according to business needs.
andles the processing of data according to business needs. 3) Top Tiexi Its the font-end
hardles the processing of data according to business needs. 3) Top Tiexi Its the front-end tools or presentation lay
hardles the processing of data according to business needs. 3) Top Tiexi. Its the front-end tools or presentation lay that is used to intract
hardles the processing of data according to business needs. 3) Top Tiexi Its the front-end tools or presentation lay

Date: \ \ \ Page:
ETL Tools
Talend: A FIL tool that offers wast features, which include data profiling, data quality, and data government It allows data from different sources i.e. cloud based system Azure, Aws.
Apache Nifi:- A open source ETL tool that can design and automate data flow between systems. It's a drag and drop user interface. Also support variety of data sources.
Informatica Power Center, A commercial ETL tool that offers a Scalable high performance data integration. Also supports uniety of sources and chuangricai advance tools.