

Importing Data from Different Sources to Excel



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Module Overview



Loading data into excel from:

- Text Files
- Microsoft Access
- SharePoint Lists
- Microsoft Azure
- Web-Services
- PDF



Loading Data from Text Files



Text File - Overview

Two types of text file
formats

Delimited text files
(.txt) – separated by
tabs

Comma separated
value text files (.csv) –
separated by commas



Loading Data from Microsoft Access



MS Access - Overview

DBMS

Data storage based
on “Access Jet
Database Engine”

Import export from
word, spreadsheet or
database file



Loading Data from SharePoint Lists



SharePoint Overview

**Web based collab
platform**

**Deployed as series of
intranet sites**

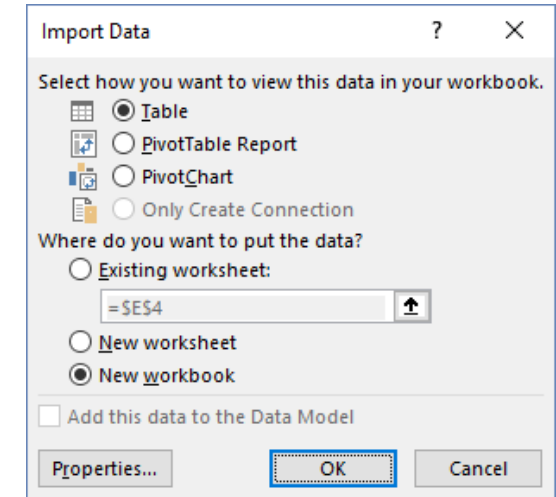
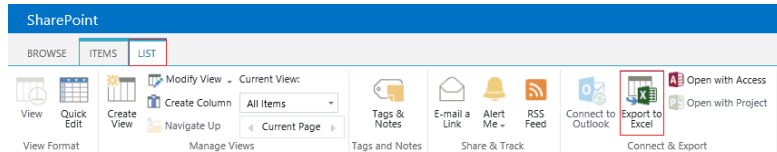
Accessible via URL

**Used for version
control**

**SharePoint lists ~
Excel table**



Loading Data from SharePoint Lists



Loading Data from Azure SQL Database



Azure Overview

Cloud computing service – building, testing, deploying apps and services

Provides hundreds of services like VM's, databases, file storage etc.

Azure SQL Database



Loading Data from Web-Services



Web-Services Overview

Function that can be
accessed by other
programs over the
web

Uses XML messaging
system

Self contained,
modular, distributed
and dynamic
applications

Example - Retrieve
information about
books on Amazon



Loading Data from PDF



Web-Services Overview

**Portable Document
Format**

**Document
representation is
independent of
hardware, software,
O.S**

PDF files are compact



Summary



Text files – delimited and fixed width

Access – overview, loading and exporting

SharePoint – steps to load SharePoint lists to excel

Azure – creating a sample database and loading tables into excel

Web-Service – loading weather data into excel

PDF – conversion of pdf table to word file and then loading to excel

