3/5 week 3. Accessing different data sources in Internal Data! Date that lives within company's own system. Also called as Brimary Data, External Data: Date that lives and is generated outside an organisation, Also called as secondary Data. external Data is required when internal data doen't give the full picture. Importing data in spreadments 1 import from other sneet & = Import Range ("Address", " sheet 2/A/I clo") (2) Importing CVS: Google Sheets & Fire > import > Select = Import Data ("URL") = Import HTML ("UPL") In Excel, Data > cret data > select of Datas from Ten CSV Data? Get data I from other Sources Brom web "DR(4

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|-----|--|
| | Date |
| | |
| * | CSV: Comma Separated Values |
| | 1) CSY stores data in table format |
| | the section of the se |
| | Dountoads 9 dataset from WHO WEBSAL. |
| | Asial saint and apter |
| | > Import Pato Sheets |
| | > coines title to the speet. |
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| w | ex 9/5 14/01/23 |
| _ | |
| | Sorting Data: |
| | Arranging data into a meaningful order to make |
| | It easier to understand, analyze, and visualize |
| | AND STATE CONDUCTION OF THE PORT OF THE WAY |
| | ASC DESC Alphabetreally/ Numerically) |
| 3 | |
| | Aceross all spreadshoet or jost single coling |
| 79 | a complete the all to date! |
| , | can sort by multiple variables : [frest city than state] |
| | Anytime you're sorting increase size of header Eour |
| | Anytime your start of modern to |
| | by > VHW/ recent to |
| | Anytime we scrop the neader four stays visible |
| - | |
| ost | select colonn eight clicix & sort in your choosen may! |
| | or . |
| | Chick on D |

boy pour

Sort large: Select derived range > pata > sort Range alimns will be sorted in order of L->R Advanced Range sorting options for full control over gorting * filtering: showing only the data that meets a specific critica while hiding the East. Select bolding headers and > bata > Create Alter CITCK 1 7 Clear > enter the held you wanna filter w In this case Eins. GREAT To view all data turn of of the filter ! By Data > Remove fifter

You can also create a filter from here!

17 m second left

leta later ... * Converting data: select desired column Here medo; Go to Edit > Kind & Replace Put the values get the Esselts there: Find none & replace with O check matern entire cell contents. Circle Replace All Repeat to change all occupances: Repeat for fedu Column! And a lot of information on sheets & SOI Dotabase * Juestion Spreadmeet. tables cells Store data calculation, graph store, scaren & sort Interact report (GIZ) (CIZ)

ress more more powerful small dataset sorting Bros creeat pours, requess cosy due to & cons knowledge mwilt function lary to use can handle compress Altering pros filter option filtering carity with Jackaging limitation on size knowledge (D)

week 3 10 15/01/23 5/5 Bry Juny 50 (3) Free Trial (A) Sandbox >300 \$ Oredit during first Anyone can login with go days , can easily practice within graceount & use It] budget Max 12 projects at a time >update post limit > cannot mosest new records to DB > not auto charge DM2 5 > cannot ydate held values of > payment option not Supported oxisting records > wo payment info Project fransfer: (Ha) to Sandoya not allowed Doal : search public patoset > Big query landing Page through data explores i ron query · Upload oun data * Pin Public data > opplorer > search public > > Beaden search > Pin "Bigguery-public-dota" * Eprove > [+ Add pot9] Fiplore public datasets 7 Opens morbet place

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> solict the appropriéate dataset à faire Here: > Bigquery-public-data
> austin-311 > 311-service - quegrests Circk Guery congraptation you ran your hist greery in Biggiery. Create patoset : Select your declarates project there: GDAC Getting started (:) Click Here Create teamer dataset aires namy thit weater on the undow bit I Creat table I con Table Name 1) AMN NICE select source schima & Arto detect I treated an Empty Click deate Table

* Rens query on Big Query

SELECT *

From D.t. Name

Databas (-Name T-name

SELECT *

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on the sen sever likely on and Specify colom to get those results.

WHERE: unere to look for information.

SELECT & FROM big - TOOK Witht state name = Pennsylvannia'

; or not doesn't matter on Biggivery.

Tajks

SELECT * prom Company WHERE Country - 'nermany;

makes. It cosses to work Avording Spaces with SQL * File naming Do's: · work dut your conventions early · Align file naming with your team · make sure fire names one meaningful keep file names short and sweet · Format dates yyyy mmdd: Sales Report 2020 1125 · lead Elvision numbers with O: · Use inderscores, hypnens or capatalized letters: Sales Report 2020_1125_002 Create a text file that lays out all your naming conventions on a project. ** Motadato - X [19/123] Data security:

West 4 Protecting data from manthorized access or

2/2 corruption by adopting safety measures. Access control :- Password protection
User permission Excel :- Encrypt files & worksneets with passwords. Googlesness in snaving options,

Hadring tabs (can be smudden by

Otions).

encryption uses a unique algorithm to after data and make it inisable by users and applications that don't know the algorithm.

Esta Polis

This algorithm is sawed as q "Key" which can be used to reverse encryptions, so if you have the very you can still use dated in its original form,

Tokenization: replaces the data elements you want to protect with randomly generated data returned to as a "token".

mapped to tokens. To access the complete original data, the user or application needs to have permission to use tokenized data and tokenized mapping.

nacked, original data is safe & fecule on separate

Kaggle: version feature, aithet véssion Control

provate data 2 notebooks

wees Managing presence as a Data Analysis. 18/01/23 * why online presence is important? > Helps potential employers find you > make connections with other analysts > learn & share data findings - Participate in community events. O linked In : make connections, follow industry, job oppositions of fact Social media "You never know you might end with someone working or the someone again" Conflirb: Share insights & resources · Read forems & WIKIT.

· Managé team projects · Most com. exents 117're been voing these already but I don't want to miss on something Just in case!!! Would I be okay with potential employers and colleagues seeing your social media profiles.) * A potential employer ask himself it you are
the right person! * Check the privaley settings on your accounts.

Mentor Steven Spreiberg - JJ Abrams warren Buffet - Bill gates Daren I need this * Filter out your socrals &" * Networking: Professional Relationship Building Digital Networking can take you conjuneral Partially Derivative Jodensts: O'Reily Data show. CO'Reily
Logge
LoNuggets
Lithub
medium A protessional uno snares their knowledge, skills and experience to help you develop & grow * mentor: SCORE org micromentor org nertoeship 4 Sponsoro A professional advocate who's committed to morine a sponsee's carelle farward within an org

Amentor helps you Skill UP Page No. A sponsor helps you more up pale ! * You don't get to choose sponsor, the sponsor always chooses you Rachel Its sealey important to have someone in your corner as you're navigating all of the different ms and outs of your career most import thing to look for in a menta, is somebody who you was will get along with and somebody that you tend