0s2 <i>0</i> 00	
9/17 - tres.	
Admin	
· Hw2 dre Fri apm	
la styleguide la cheek	gadesopeii
Agenda	
1. Data Sources	
2. File proussing	
3. Python	
~~~~~	
(1. Data Sames)	
Any DS program:	
- gather data arith. open	bacc.
- computations	
- COMMUNICATION V	
6/4·6	$ \partial f(z)  = \rho  f \cdot \rho   \partial f(z - z - z - z) $
Gather data	x,y,y,y
Is how can we get detail.	11S" <b>=</b>
input() -> from the user	
ly other sames of data - a file (text file, excel file)	responsibly using a file:
- scrapiny a website	- sauce: data-bostan.gov [accuracy: ok]
- online function (ASI)	= type: salmy of city
- generate random #s	- type: Salary of city employees
	- consent/knowledge: ok
m menumber per eur	- responsible use:
one person's salary) 2023	only what we want to learn
	only what we want to learn don't amplify pusural data
solitet (text file)	O.

2. File Processing in Python
· gather data: from user, get the Glename
then, open + read file 9 13
= read one line at a time
- top to bottom
- Save lach Number in a vanishable
· computations: 5 Booton salants (2023)
Subst might we want to calculate?
· range (min us. max) · median · under) are through
· mean (avg) · 6ta amation
· communication
Lyplot the data (row# (1x) vs. salany (y))
3. Py than
Is save the data filepy
(same Py Charm project as code) - fr
In Python: Is open the file
in and (filesome "cl) so infile
String vertice the as a record to
Python string reading five as a variable needs. (from user)
Great land lone one at a time
S MALL LAUN LAUN LAUN TON TO NOTE.

Szl = Koat (in file. Madline ())

(Similar to input())

We say athemise