+ Traing and testing on different destribution

Since Deen learning algorithm are very

Since Deep learning algorithm on very data lungry, some Teams Torsin on different distributions.

So being able To work with mismatched data is ourcial.

You care more about how The prayram will do en The dev/Test sets-

Option 1 => Combine and sluffle. Option 2=> Combine at a smaller scale.

+ Bear	and	Variance	with	Mesmatched	Data
Disbut	rution				

If data come with different distributions ve con't always conclude Deat Deve is a variance everor.

Trying To solve This problem could result in averfiting The deo-set.

Example: Morce general formulation.

	General Speech recognition	Secelie speech				
	"Herman level 44%	6 ×.	- Avoidable Béan			
	Troing evoror 7%	6%	Λ			
Erver on act Trained on.	Traing-dev- evron 10%	"Deon/Test over" 6%	- Voriance			
La Diemalch						

No Systematic Way To Solve it

+ Advening Data Mennitels:

1. Carry out manual eroson analysis
To try To indenstand The difference
between Training and dev/Test sets.

(usually only look only To the
dev set).

2. Make Training data more similar; or, collect more data similar To deo/ Test set.

One way To obtain more data, in artificial data synthesis.