1 | **Why columns (not rows)?**

1.1 | **Because columns map to input, while rows map to output**

1.2 | **Linear dependence is going to have more to do with the columns**

1.3 | **Dot products are "linear combinations" of the columns**

1.4 | **It's only because we usually multiply with variables on the right. When we go backwards, then we care about the row.**

2 | **Row vs Column linear dependency**

2.1 | **Under what circumstances is it true that row linear independence iff column linear independence?**

2.1.1 | **maybe in square matrices?**