

## DSC 461: Milestone 3

### DatSci Werx

Team #39

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#### Task A:

##### Research Paper

<u>DOI</u>	Title	Publisher_ISSN	Publication_Date	Cited_Times	Citing_Times
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##### Author

<u>ORCID</u>	Author_Name	Affiliated_Organization	Sum_of_Cited_Times	Sum_of_Citing_Times
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##### Publisher

<u>ISSN</u>	Publisher_Name	Impact_Factor	Research_Domain
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##### Writes

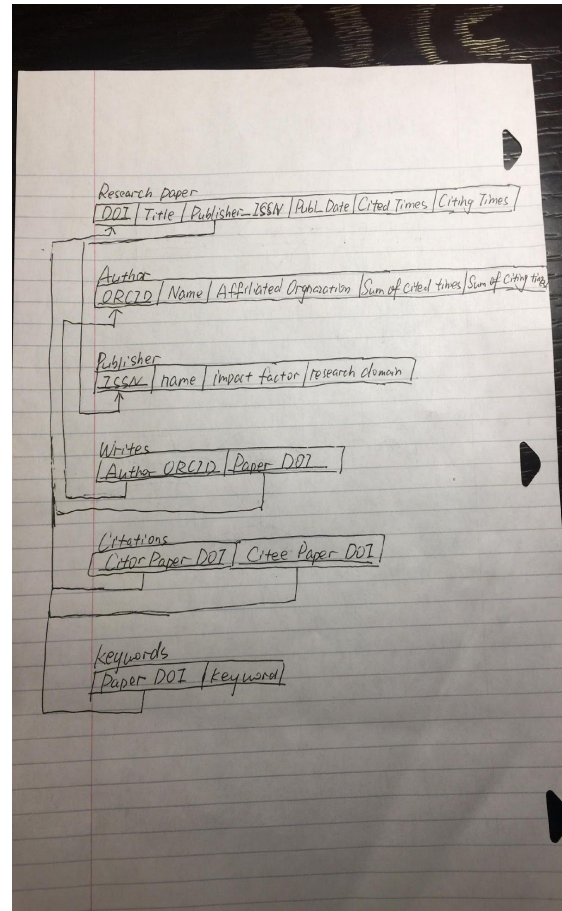
<u>Author_ORCID</u>	<u>Paper_DOI</u>
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##### Citations

<u>Citor_DOI</u>	<u>Citee_DOI</u>
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##### Keywords

<u>Paper_DOI</u>	<u>Keyword</u>
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#### FDs:

1 DOI  $\rightarrow$  {Title, Publisher\_ISSN, Publication\_Date, Cited\_Times, Citing\_Times}

2 ORCID  $\rightarrow$  {Author\_Name, Affiliated\_Organization, Sum\_of\_Cited\_Times, Sum\_of\_Citing\_Times}

3 ISSN  $\rightarrow$  {Publisher\_Name, Impact\_Factor, Research\_Domain}

All relations are in BCNF because LHS of all non trivial FDs is superkey for each relation.