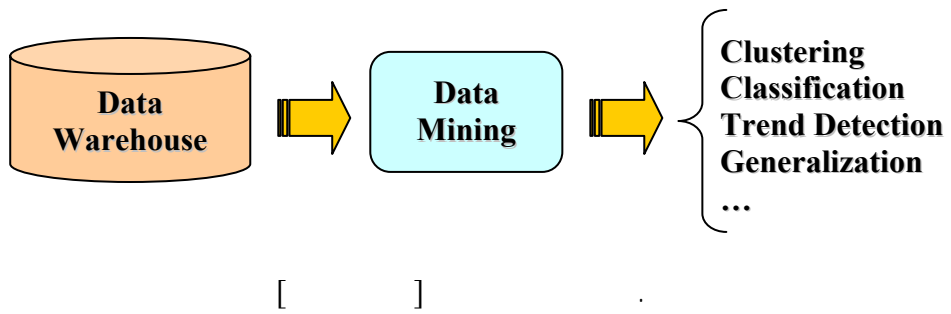
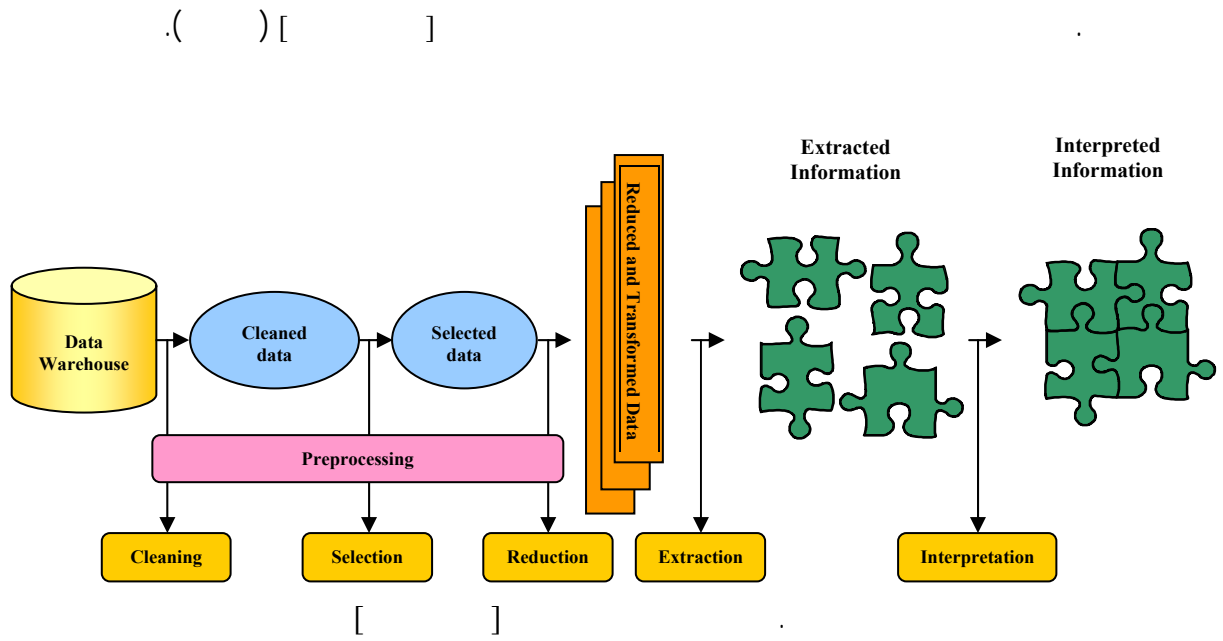


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- 1. Clustering
 - 2. Statistical Approximation

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- ١. Classification
 - ٢. Dependency analysis
 - ٣. Trend Prediction
 - ٤. Generalization
 - . Fuzzy
 - . Genetic Algorithm
 - ٥. Wavelet
 - ٦. Spatial Data Mining

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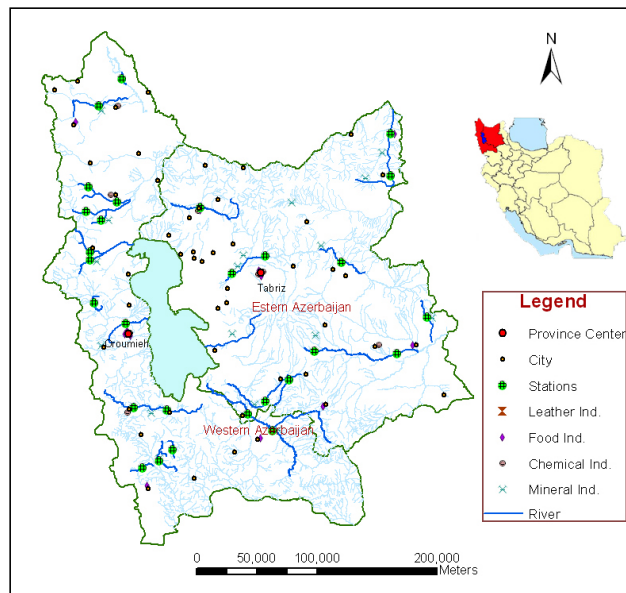
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- . Direction
 - . Connectivity

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. Buffering

NAME	MINE_CONST	INDS_CONST	POP_CONST	PH	DO	BOD	TDS	MENTAL
S1	1	2	205000	7.6	4.5	11.3	806	8.2354
S10	2	5	50000	8.1	6.1	11.9	856	9.1235
S11	2	0	250000	7.8	4.9	12	864	6.0215
S12	2	0	250000	7.9	5.2	12	864	6.2164
S13	1	1	240000	7.8	5	11.8	847	7.2235
S14	1	1	200000	7.7	4.7	11.1	789	7.3654
S15	1	1	300000	7.6	4.8	12.2	881	7.5698
S16	2	7	340000	7.1	3.8	15.5	1250	10.9782
S17	1	1	350000	7.5	4.5	12.3	889	7.9875
S18	1	2	215000	7.6	4.6	11.3	806	8.3654
S19	1	1	300000	7.7	4.8	12.1	872	7.8965
S2	1	1	900000	7.6	4.6	13.1	958	8.2356
S20	1	5	1350000	7.4	4.5	13.3	975	9.3654
S21	1	1	700000	7.7	4.7	12.9	940	8.1236
S22	2	0	150000	8.1	5.8	10.9	773	6.0021
S23	1	4	2600000	7.2	4.1	15	1125	8.9854
S24	1	0	565000	7.5	4.4	12.5	906	6.9154
S25	1	0	1040000	7.5	4.6	13.2	966	7.1236
S26	0	2	550000	7.4	4.5	12.6	915	8.6542
S27	1	0	230000	7.6	4.5	11.7	839	5.8754
S28	2	1	170000	7.9	5.4	10.7	756	7.5698
S3	1	1	150000	7.8	4.7	10.8	765	7.6421
S4	1	1	190000	7.5	4.7	11	781	7.9852
S5	2	1	0	8.4	6.3	9	621	7.2564
S6	2	1	110000	8.1	5.9	10.5	740	7.4231
S7	1	1	600000	7.4	4.4	12.6	915	7.8654
S8	1	1	400000	7.6	4.6	12.5	906	7.6854
S9	1	0	40000	7.9	4.8	10	700	5.2365

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NAME	REFINARY	BOD5	TDS	DO
Vayghan	Y	10	550	5
Eilkhchi	N	8	750	6
Silvaneh	Y	5	360	7
Pamchi	Y	15	900	4
Nazar	N	12	1150	4
Oshnavieh	Y	9	500	3
Khoy	N	17	950	3
Shoot	Y	21	1100	3

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NAME	POPULATION	REFINARY
Bazargan	350000	Y
Kelisa	100000	Y
Goldasht	55000	Y
Shoot	65000	Y
SiahCheshme	150000	Y
Khomarloo	85000	N
Ziaedin	65000	N
Zoorabad	75000	N
Jofa	650000	Y
Siahrood	200000	N
Tazekand	150000	N
Aboghli	75000	N
Khoy	350000	Y
Zonooz	300000	Y
Pamchi	85000	Y
Kashksaray	90000	N
Ahar	450000	Y
Nasooj	30000	N

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) BOD¹

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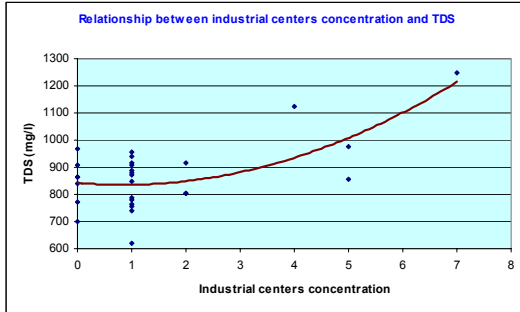
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PH

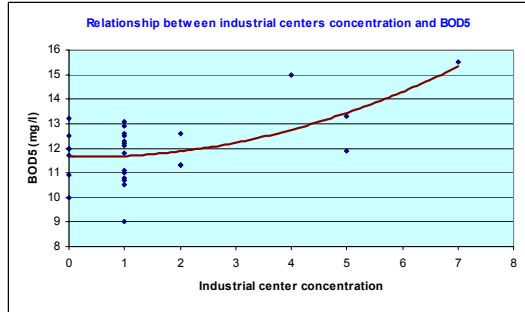
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- . Biological Oxygen Demand
- . Total Dissolve Solid
- . Dissolve Oxygen

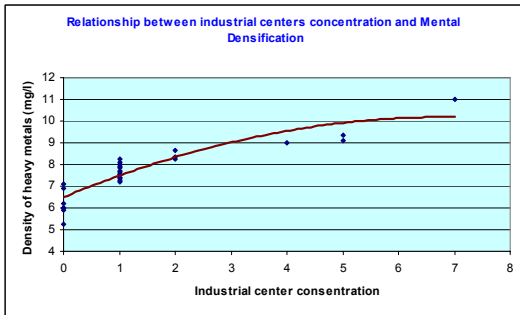
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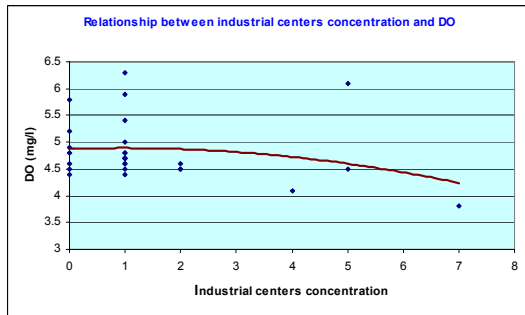
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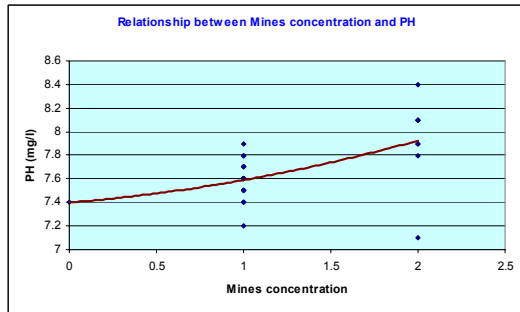
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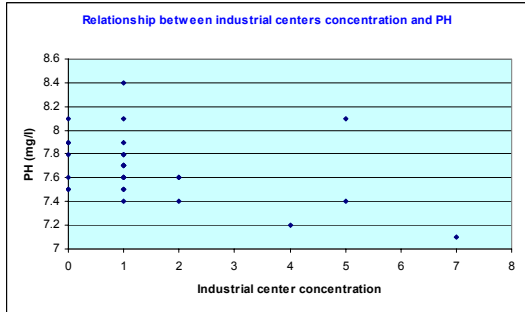
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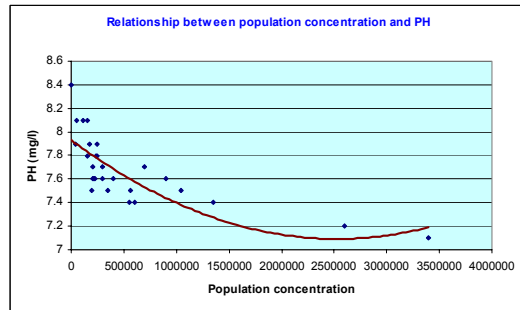
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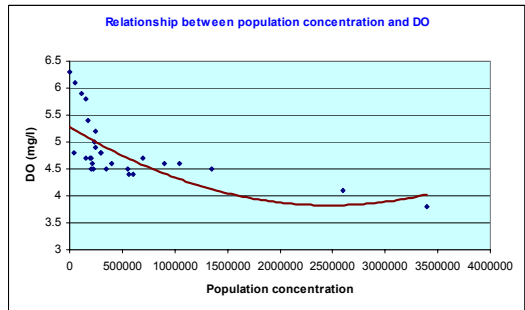
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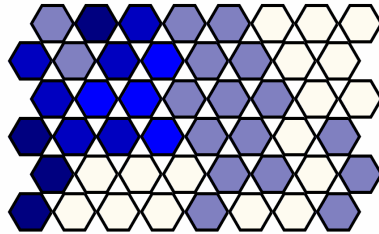
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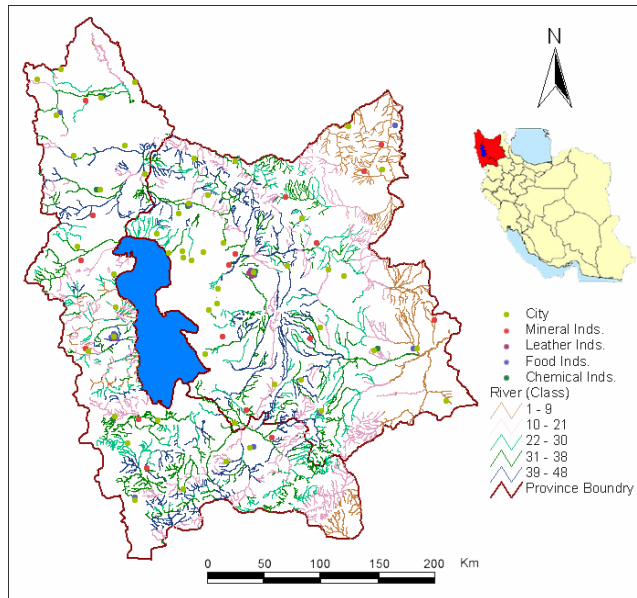
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١. Neighborhood analysis
 ٢. Spatial Contiguity
 ٣. Self Organizing Map (SOM)

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