[('Data Analysis', 'Data Science'),

('Data Visualization', 'Data Science'),

('Machine Learning', 'Data Science'),

('Statistical Modeling', 'Data Science'),

('Predictive Analytics', 'Data Science'),

('Data Mining', 'Data Science'),

('Natural Language Processing', 'Data Science'),

('Deep Learning', 'Data Science'),

('Neural Networks', 'Data Science'),

('Artificial Intelligence', 'Data Science'),

('Big Data Analytics', 'Data Science'),

('Time Series Analysis', 'Data Science'),

('Regression Analysis', 'Data Science'),

('Clustering', 'Data Science'),

('Classification', 'Data Science'),

('Sentiment Analysis', 'Data Science'),

('Text Analytics', 'Data Science'),

('Image Processing', 'Data Science'),

('Web Scraping', 'Data Science'),

('Data Cleaning', 'Data Science'),

('Data Wrangling', 'Data Science'),

('Data Preprocessing', 'Data Science'),

('Feature Engineering', 'Data Science'),

('Dimensionality Reduction', 'Data Science'),

('Ensemble Methods', 'Data Science'),

('Model Evaluation', 'Data Science'),

('Model Selection', 'Data Science'),

('Hyperparameter Tuning', 'Data Science'),

('Reinforcement Learning', 'Data Science'),

('Bayesian Inference', 'D

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|  | ds\_certificates | |  |  |  |  |  |
| 0 | IBM Data Science Professional Certificate | | | | |  |  |
| 1 | Microsoft Certified: Azure Data Scientist Associate | | | | |  |  |
| 2 | Google Data Analytics Professional Certificate | | | | |  |  |
| 3 | Cloudera Certified Data Analyst | | | |  |  |  |
| 4 | DataCamp Certified Data Scientist | | | |  |  |  |
| 5 | Python Institute Certified Data Science Associate | | | | |  |  |
| 6 | Hortonworks Certified Associate (HCA) for Apache Hadoop | | | | | |  |
| 7 | SAS Certified Big Data Professional | | | |  |  |  |
| 8 | Amazon Web Services (AWS) Certified Data Analytics - Specialty | | | | | | |
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|  | ds\_education |
| 0 | Bachelor of Science in Computer Science |
| 1 | Master of Science in Data Science |
| 2 | Master of Information and Data Science |
| 3 | Postgraduate Diploma in Data Science |
| 4 | Professional Certificate in Data Science |
| 5 | Bachelor of Science in Computer Statistics |
| 6 | Bachelor of Science in Computer Mathematics |
| 7 | Ph.D. in computer science |