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| Chapter | Contents |
| Data Science | Some cool examples of data science,  What is data science? domain knowledge (what does it consist of),  Types of analytics (descriptive, predictive), Machine Learning and Statistical Learning, a Data Science Pipeline: high level (CRISP-DM), Low-level(data science pipeline in python world, preparation, train-test split, train, fit, score), references (introduction to statisticsal learning, learning from data, some other tools), tools  AzureML in Cortana Suite (alternative usage of AzureML in accordance with other techs)  Overfitting, underfitting, bias-variance tradeoff, metrics for performance, data sources, |
| AzureML World | AzureML modules, AzureML workflow, simple example, Two broad set of algorithm, AzureML cheat sheet |
| Predictive modelling using AzureML | One example of regression, one example of classification, web services |
| Python Integration: | Jupyter notebooks, essential python, building a full model and visualization using just python, limitation of python jupyter, web services and calling those web services |
| Next level | Retrainting AzureML model |

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Reads: <https://azure.microsoft.com/en-gb/documentation/articles/machine-learning-what-is-machine-learning/>

Books on AzureML: Apress, Orielly,

Edx course:

Dear Christophe

Thanks for your email and sorry for the radio silence from my side. Actually I am sorry for not being able to work on our tentative papers. I hope to have some kind of collaboration with you in near future.

My big data project was finished 3 months ago and since then I joined Ordnance Survey as Principal Research Scientist in Data Science at research department. I am still have some collaborations with Oxford university and my previous supervisor (liked me and) gave me an honorary title (Data Science Research Associate).

My job at the Ordnance Survey is quite interesting; a mixture of independent research, academic research (via student supervision and PhD/Post Doc sponsorship) and industry engagement. I am happily continuing my research about geospatial big data and data science in this post :).

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I will be in Iran from 18th December-early January.