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| 1. Record Nr. | UNINA9910481057003321 |
| Autore | Virgil |
| Titolo | Aeneis [in italiano] Le fatezze de Enea [[electronic resource]] |
| Pubbl/distr/stampa | Vicenza, : Hermann Lichtenstein, d. 1494, 1476 |
| Descrizione fisica | Online resource (v.) |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Reproduction of original in Biblioteca Nazionale Centrale di Firenze. |
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| 2. Record Nr. | UNINA9910717408703321 |
| Autore | Haben Stephen |
| Titolo | Core Concepts and Methods in Load Forecasting : With Applications in Distribution Networks / / Stephen Haben, Marcus Voss, William Holderbaum |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing, , 2023 |
| ISBN | 3-031-27852-6 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (xv, 331 pages) |
| Disciplina | 621.319 |
| Soggetti | Electric power distribution |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Chapter 1. Introduction -- Chapter 2. Primer on Distribution Electricity Networks -- Chapter 3. Primer on Statistics and Probability -- Chapter 4. Primer on Machine Learning -- Chapter 5. Time Series Forecasting: Core Concepts and Definitions -- Chapter 6. Load Data: Preparation, Analysis and Feature Generation -- Chapter 7. Verification and Evaluation of Load Forecast Models -- Chapter 8. Load Forecasting Model Training and Selection -- Chapter 9. Benchmark and Statistical |

Point Forecast Methods -- Chapter 10. Machine Learning Point Forecasts Methods -- Chapter 11. Probabilistic Forecast Methods -- Chapter 12. Load Forecast Process -- Chapter 13. Advanced and Additional Topics -- Chapter 14. Case Study: Low Voltage Demand Forecasts -- Chapter 15. Selected Applications and Examples -- Appendix.

Sommario/riassunto

This comprehensive open access book enables readers to discover the essential techniques for load forecasting in electricity networks, particularly for active distribution networks. From statistical methods to deep learning and probabilistic approaches, the book covers a wide range of techniques and includes real-world applications and a worked examples using actual electricity data (including an example implemented through shared code). Advanced topics for further research are also included, as well as a detailed appendix on where to find data and additional reading. As the smart grid and low carbon economy continue to evolve, the proper development of forecasting methods is vital. This book is a must-read for students, industry professionals, and anyone interested in forecasting for smart control applications, demand-side response, energy markets, and renewable utilization.
